STATE OF MISSOURI

Mel Carnahan, Governor • David A. Shorr, Director

# DEPARTMENT OF NATURAL RESOURCES

------ DIVISION OF ENVIRONMENTAL QUALITY-

St. Louis Regional Office

June 30, 1993

10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1017 (314)822-0101

FAX (31+)822-09+3

Mr. Joseph Haake, Group Manager Environmental and Hazardous Materials Services McDonnell Douglas Aerospace East Dept. 064C Mail Code 1003377 P.O. Box 516 St. Louis, MO 63166-0516 DECEIV.

HAZARDOUS WASTE PROGRAM MISSOURI DEPARTMENT OF NATURAL RESOURCES

Dear Mr. Haake:

Enclosed is a report of an inspection conducted by Mr. Joe Trunko of my staff. The section titled "UNSATISFACTORY FEATURES" lists violations noted during the inspection and outlines steps the inspector has determined will correct those violations.

We have received your company's June 21, 1993, response to Notice of Violation (NOV) #2778. This NOV was issued as a result of violations noted during the inspection. A review of the company's response indicates that the proper corrective actions for each violation have been taken. No further response concerning the NOV is required from you at this time.

The Department requests that the following additional information be submitted and/or actions be taken:

- 1. The McDonnell Aircraft Company has been recently reorganized and has changed its name to McDonnell Douglas Aerospace East (MDAE). An updated Notification of Hazardous Waste Activity Form has not been submitted to the HWP. An updated notification form must be submitted denoting the new facility name.
- 2. MDAE received a letter from the HWP, dated May 27, 1993, concerning the modifications requested by MDAE. The letter also contained additional actions that the HWP has determined are needed in order to complete proper closure of several of the storage areas\tanks. Questions concerning this matter should be directed to Mr. Steve Jaques of the HWP at (314) 751-3176.

- 3. MDAE currently operates a portable unit that filters waste oil for reuse. This unit was observed in Building 29 during the inspection. Please submit to this office the following information: a description of the recycling unit, the quantity of waste oil that is recycled each month, a description of how waste oil is stored prior to recycling, and a description of how any waste materials generated during the process are managed/disposed of.
- 4. In 1986, the five 500-gallon acid tanks (H12-H16) were removed and replaced with three, 850-gallon tanks (H12-H14). A detailed written assessment for these new tanks was not available at the time of the inspection. As per 40 CFR 265.192, the owner or operator must obtain a written assessment, reviewed and certified by an independent, qualified, registered professional engineer, attesting that the system has sufficient structural integrity and is acceptable for the storing of hazardous waste. Please submit this information to this office.
- 5. As per the approved permit, the Building 14 Sludge Holding Tank is required to be drained and inspected for cracks and corrosion every five years. In 1988, the tank was drained and inspected. At that time, cracks were observed in the wall of the tank. Due to difficulty in repairing the cracks, a liner was installed in the inside of the tank. Records of the inspection that was conducted and the liner installation were not available at the time of the inspection. Please submit information to this office concerning the inspection that was conducted of the tank and the liner that was installed.

Please submit the information requested in items #4, 5 and 6 to this office within 30 days of receipt of this report. Should you have any questions, please call Mr. Joe Trunko at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE

et S.P. Eck

Robert S. P. Eck Regional Director

RSPE/JET/lv

Enclosures

c: HWP

# RESOURCE CONSERVATION AND RECOVERY ACT AND MISSOURI HAZARDOUS WASTE MANAGEMENT LAW COMPLIANCE EVALUATION INSPECTION REPORT

### **FACILITY**

McDonnell Douglas Aerospace East (Tract I) Mail Code 1003377 P.O. Box 516 St. Louis, MO 63166-0516 (314) 232-3319 EPA ID#: MOD000818963
MO Generator ID#: 001001
Permit #: OSO 062284 002
Resource Recovery #: 0268-A
MO Transporter ID#: H-1039

#### **PARTICIPANTS**

Missouri Department of Natural Resources (MDNR)

McDonnell Douglas Aerospace East (MDAE)

Joseph L. Trunko & Doris Mann Environmental Specialists

Robert Kaatman, Manager Environmental & Hazardous Materials Services

Joseph Haake, Group Manager Environmental & Hazardous Materials Services

Bryan Kury, Ed Hickey & Charlie Kutterer Environmental & Hazardous Materials Services

#### INTRODUCTION

On June 10 and 11, 1993, an inspection was conducted at McDonnell Douglas Aerospace East (Tract I), located off of McDonnell Boulevard in St. Louis County. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Hazardous Waste Management Law (1977) as amended. The inspection was confined to facets of the facility operation related to hazardous waste management.

#### FACILITY DESCRIPTION

This facility was previously known as McDonnell Aircraft Company (Tract I). As a result of recent corporate reorganization, the name of the facility has been changed to McDonnell Douglas Aerospace East (Tract I) (MDAE).

MDAE is a manufacturer of military aircraft. The MDAE facility is divided into two areas--Tract I North and Tract I South. Tract I North encompasses approximately 53 acres. Operations in this area include chemical processing, machining of parts, composite manufacturing, parts degreasing and painting. Tract I South encompasses approximately 81 acres. Operations in this area include chemical processing, aircraft assembly, painting, aircraft testing (flight ramps), industrial wastewater pretreatment and a boiler house. Banshee Road divides the two areas. A site map is attached.

MDAE operates 5 days per week, 24 hours per day. Approximately 7,996 employees work at the facility.

MDAE is a large quantity generator of hazardous waste. Numerous waste streams are generated. However, the largest quantity of wastes generated consist of emulsified cutting oil, paint solids, solvent and paint waste, wastewater treatment sludge and acid and caustic waste. The most recent Notification of Hazardous Waste Activity Form for the facility is attached.

MDAE is permitted to store hazardous waste for greater than 90 days. Waste generated from on site as well as waste from off-site facilities is stored. Only waste from MDAE facilities is accepted from off site. Hazardous waste is transported to Tract I by MDAE (Missouri Transporter ID# H-1039). A Generator's Hazardous Waste Summary Report and Facility Quarterly Summary Report for the first quarter of 1993 is attached.

MDAE stores on-site generated waste (drum related) at three less- than-90-day storage areas. These areas are located on the east side of building 2, at building 45, and at building 51. Waste solvents, paints, and oils are accumulated in drums at numerous satellite locations (mainly in buildings 27, 29A, 220, 2, 42, and 48). When full, these containers are transferred to one of the less-than-90-day storage areas.

Paint solids are accumulated in red, two cubic yard dumpsters, located throughout the facility (mainly in buildings 27, 220, 29, 2, 45, and 48). When full, these dumpsters are emptied into two roll-off dumpsters/compactors, located at the north side of building 27 and the north side of building 48. These dumpsters are transported to an off-site hazardous waste facility approximately once every two weeks.

Rags that are used to wipe-up solvents and paint are placed in red trash cans located at the immediate work areas. At the end of each day, these cans are emptied into the nearest two-yard satellite dumpster.

MDAE is permitted to store hazardous waste for greater than 90 days in the following units:

Building 27 Scrap Dock Container Storage Area - Containers from off site and from the on site, less-than-90-day storage areas are stored at this area. Acids, alkalis, oils, solvents, and paint sludges are stored in area 1. Cyanides and sulfides are stored in area 2. Area 2 was replaced by a

prefabricated storage building in 1989. The original area 2 must still be closed in accordance with the closure plan.

<u>Building 10 Explosives Storage Building</u> - This building was previously used to store class B and C explosives but is no longer in use. A modification requesting removal of this area from the permit has been submitted to the Hazardous Waste Program (HWP). This area must still be closed in accordance with the closure plan.

<u>Building 14 Sludge Holding Tank</u> - This is a 120,000-gallon, in-ground, open top tank used for the storage of wastewater treatment sludge prior to dewatering. The sludge is run through a centrifuge and the solids are accumulated in a 15 cubic yard roll-off dumpster. A diagram of the wastewater pretreatment plant is attached.

Building 52 Caustic tanks (H19. H20) - Two 10,000-gallon tanks used to store waste sodium hydroxide from the chemical milling of aluminum. This waste is sent to Reynolds Metals in Texas for use as an ingredient in alumina production. A letter concerning this matter is attached. A modification requesting removal of these tanks from the permit and reclassification as less-than-90-day storage tanks has been submitted to the HWP. The containment area for these tanks must still be closed in accordance with the closure plan.

Building 52 Acid Tanks (H12-H16) - Originally five 500-gallon, above-ground tanks used to store waste nitric acid from the chemical milling of titanium. These tanks were removed in 1986 and replaced with three, 850-gallon tanks (H12-H14). A modification requesting removal of the original tanks from the permit and reclassification of the new tanks as less-than-90-day storage tanks has been submitted to the HWP. The containment area for these tanks must still be closed in accordance with the closure plan.

<u>Building 52 Acid Tanks (H1-H6)</u> - Six 750-gallon, above-ground tanks used to store waste nitric acid from the chemical milling of titanium. These tanks were removed in 1986, were properly closed, and are no longer part of the permit.

Building 6 Waste Oil Tank - A 1,000-gallon underground tank used to store waste oil separated from the condensate of an oil-lubricated, steam-operated compressor. This tank was removed in 1989 and replaced with a 375-gallon, above-ground tank. A modification requesting removal of this tank from the permit and reclassification as a less-than-90-day storage tank has been submitted to the HWP. The original tank has been closed in accordance with the closure plan and is no longer part of the permit (pending visual inspection by MDNR).

Hush House waste Tank - A 3,380-gallon underground tank used to store waste jet fuel. This tank was removed in 1989. A modification requesting removal of this tank from the permit has been submitted to the HWP. Groundwater contamination from leakage of the tank has been documented. Proper closure and remediation of this area must be in accordance with the closure plan and HWP guidance.

Fuel Pit #3 & #4 Waste Tanks - Two 2,000-gallon underground tanks used to store waste jet fuel. These tanks have been removed. A modification requesting removal of these tanks from the permit has been submitted to the HWP. Closure of these tanks will follow the same guidelines as for the Hush House Waste Tank.

F-18 Silencer Waste Tank - A 2,000-gallon underground tank used to store waste jet fuel. This tank was removed in 1992. A modification requesting removal of this tank from the permit has been submitted to the HWP. The tank has been closed in accordance with the closure plan and is no longer part of the permit (pending visual inspection by MDNR).

Building 28 Waste Tank - A 5,000-gallon, underground tank used to store waste jet fuel. This tank was removed and replaced with a double-wall tank. A modification requesting removal of this tank from the permit and reclassification as a less-than-90-day storage tank has been submitted to the HWP. The area must still be closed in accordance with the closure plan.

Ramp Station 1 & 2 Waste tank - A 4,380-gallon underground tank used to store waste jet fuel. This tank is currently not in use. A modification requesting removal of this tank from the permit and reclassification as a less-than-90-day storage tank has been submitted to the HWP. Closure of this tank will follow the same guidelines as for the Hush House Waste Tank.

Waste jet fuel that is stored at this facility is burned as a fuel in the facility's boilers. As a result, the jet fuel is not considered a solid waste. A letter concerning this matter is attached.

MDAE has a resource recovery certification (expires 8/20/94) for the following operations:

Distillation of spent Methyl Ethyl Ketone and Methyl Isobutyl Ketone. Stills are located at the paint areas in buildings 27 and 48, respectively. Still bottoms are collected in 55-gallon drums and are disposed of as hazardous waste.

The recovery of perchloroethylene by steam stripping carbon adsorption beds. This process is located in building 51. Prior to chemical milling, a maskant coating that contains perchloroethylene is applied to metal parts. As the parts dry, the perchloroethylene evaporates, is collected, and is run through a carbon adsorption unit. The perchloroethylene is stripped from the carbon beds with steam and is collected for reuse as an ingredient in new maskant production.

Operating records for the distillation units are attached.

MDAE has organized a waste minimization team in order to reduce the quantity of hazardous waste generated at the facility. Hazardous waste generation has been cut by 50% since 1987. Additional actions currently under consideration are the use of a filter press for the wastewater pretreatment sludge and the replacement of chlorinated solvents with aqueous solutions.

MDAE generates a large amount of waste coolant that is used during the machining of parts (mainly in building 27). This coolant has been analyzed and determined to be nonhazardous. An analysis report is attached.

Solid Waste generated at the facility is hauled by MDAE to the Westlake Sanitary Landfill or the Browning Ferris Industries MOPASS Sanitary Landfill.

MDAE has an NPDES permit (MO-0004782) from the MDNR for the discharge of storm water and noncontact cooling water. A fact sheet describing this permit is attached.

Copies of photographs that were taken during the inspection are attached.

# UNSATISFACTORY FEATURES

1. Open satellite containers of hazardous waste, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.173(a). Open satellite drums of waste paint and/or solvent were observed in the following areas: building 27 paint shop, building 220 trim area, building 2 small paint booth, and the building 48 paint area (drum storing waste MEK prior to distillation). In each case, the bung was open and contained an open funnel. In building 2, a dumpster was overfilled with paint solids. The lid was not totally closed and a strong paint odor was apparent in the immediate area of the dumpster.

A satellite container of hazardous waste must be closed at all times except when waste is being added to or removed from the container. All open containers observed during the inspection were properly closed upon discovery during the inspection. MDAE must certify to the MDNR that all satellite containers will remain closed (or will be equipped with devices satisfying the requirement) except during those times when waste is being added to or removed from the container.

- 2. Satellite containers of hazardous waste not marked, in violation of 10 CSR 25-5.262(2)(C)3. In building 27, two dumpsters containing paint solids were not marked. In building 220, two dumpsters were marked with the contents but were not dated. All satellite containers of hazardous waste must be marked with the words "HAZARDOUS WASTE", or with other words that identify the contents of the containers, and the beginning date of satellite storage.
- 3. Open container of waste oil, in violation of 10CSR 25-11.010(3)(C). A 55-gallon drum of waste oil with a open funnel inserted in the bung was observed in building 42. The drum was closed upon discovery during the inspection. All containers of waste oil that are 5 gallons or larger in size must be closed (or equipped with devices satisfying the requirement) except during those times when waste oil is being added to or removed from the containers.
- 4. Container of hazardous waste not marked, in violation of 10 CSR 25-5.262(2)(C)1. The roll-off dumpster containing the wastewater treatment

The following numbering system incorporates the state and federal citations. The state citations to the regulations appears at the top of each section. The last part of the state citation refers to the part of 10 CFR, the federal regulation. In the column, the federal regulation appears as a period and number, .XX. The more stringent state regulations appear in parenthesis, ( ).

= 5	3/31/201/	ins appear an parameter,
)	OSR 25	5-5.262 Standards for Generators (General/Standard/Special) Condition
	.11	Generator's MO and EPA I.D. Numbers
	(28)	No more than 10 days time between generator and facility signatures
	(282)	Serially Increasing shipment number
		Generator's name, address, phone #( )
		All transporters' names, phone #'s, MO and EPA I.D. #'s
		Designated facility name, address, phone # and EPA I.D. #
		Proper DOT Shipping Name, Hazard Class and I.D. #
		Containers, Quantity and Unit Wt/Vol being shipped properly designated()
		Proper certification
	(236)	Manifests returned within 35 days
	(286)	Completed manifests submitted to DNR quarterly
	,23	Manifest properly signed by generator/transporter/TSD and dated(/)
	(201)	Summary Manifests Report submitted to DNR quarterly
	(2D2)	Exception generator report submitted within 45 days
	.41	Biennial Report
	.30	Waste stored in proper DOT containers(1)
	.32 (	Containers Tanks labeled "Hazardous Waste" and labeled per proper DOT
		requirements during storage
	.33	Placards available for use by transporters
	(20)	Facility inspected and maintained
		Ignitable and reactive wastes properly handled
		Date of accumulation marked
		Storage less than 90 days (if applicable) $\langle r^i \rangle^{A}$
	(202)	Satellite Accumulation requirements met (if applicable)()
		Stored in satellite areas less than 1 year
		Container marked identifying contents and beginning date
		Containers kept closed / compatible / good condition(-)
		Quantities accumulated not exceeding 55 gal. (1 quart acutely hz waste).(
		The state of the s

	e
.12(a)	Notice of Hazardous Waste shipment from foreign source
(Ь)	
*	meral Waste Analysis
	1) Copy of plan on site,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
) ( <u>E</u> . )	3)(i) Plan updated if process(es) change
	(ii) Analysis repeated if manifest discrepancy( $$ )
(b)	Procedures to identify wastes on site including leachate and runoff, $( eq)$
(c)	Procedures to identify wastes from off site $$
	Waste Analysis plan up-to-date( \square \frac{1}{2}
	Identify hazardous wastes handled at the facility including leachate
	and runoff $(\sqrt{)}$
	Means to confirm off-site wastes (manifest discrepancy) and run off( $$ )
,14(b)	Security
	24-hour surveillance system at facility or
	An artificial or natural boundary / controlled access( $\checkmark$ )
	Restricted access sign posted at each entrance $()$
	Legible from a distance of 50 feet $(\checkmark)$
.15 Ge	neral Inspection
(a)	Facility inspected and maintained $()$
	1) Inspect emergency equipment, security devices.
	operating and structural equipment $(\checkmark)$
(c)	Remedied any deteriorated or malfunctioning equipment (check equipment)()
(ਰ)	Records of inspections retained( $$ )

10 CSR 25-7.264(2)(B) General Facility Standard (General/Standard/Special) Condition \_\_\_\_

.16 Pe	ersonnel training
(E)	
( <u>a</u> )	2) Trainer qualified in hazardous waste management procedures documented()
(c)	Annual review of training
(37	Job title, description, and name of person filling position $(\sqrt{)}$
(e)	(A)
,17 Ge	eneral Requirements for Ignitable, Reactive or Incompatible Wastes
(3)	Precautions taken to prevent accidental ignition()
(b)	Precautions taken to prevent reaction
(c)	Documented methods used(/)
.18 Lo	ocation Standard
(P)	Floodplains - plan in place for how facility will remove wastes from
	areas that could be flooded
10 CSR 25-	-7.264(2)(C) Preparedness and Prevention (General/Standard/Special) Condition
,32(a)	Internal communication or alarm system $(\sqrt{)}$
(b)	Device in the hazardous waste operation area capable of summoning
	emergency assistance
(c)	/ / / / / / / / / / / / / / / / / / /
(권)	Adequate water supply for fire control equipment
,33(a)	Adequate and proper safety equipment, available and ready
.34 E	ach person in hazardous waste area able to summon help $(\checkmark)$
.35 Ad	dequate aisle space $()$
.37 A	rrangements with local emergency agencies

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ŋbēi	ratio	ng Record
.72	( <u>a</u> )	Manifest properly signed and dated(/)
	(b)	Completed manifests submitted to DNR quarterly
	(∈)	Summary Manifest Report submitted to DNR quarterly
	(급)	Biennial Report
.73	(g)	Description, quantity, and TSD process for all hazardous wastes $(\checkmark)$
(	(6)(1	) Location and quantity of all hazardous waste
	(ь) (з	Waste analysis records from off-site sources
	(ъ)(4	$\cdot$
(	(Б) (5	$\cdot$ .
(	(b)(6	)) Monitoring and testing and analytical results on-site if necessary( $\checkmark$
Repo	ortin	ig .
.74	Rec	ords are kept and available for inspection()
,75	Дuа	rterly facility reports submitted $\langle \checkmark  angle$
	(2G)	Ground water monitoring data on-site/submitted(المراح)
(	(2H)	Certification of information signed
.76	Unm	anifested waste reports for off-site facilities on-site/submitted( )
,77	Rep	orts for emergencies, spills, closure on-site/submitted

,90 1	Monitoring Well Construction  Please describe the casing material and we  different than described in the permit app	
	Describe the condition and type of protect different than described in the permit app	
	Describe the security measures completed influences if different than described	to protect the wells from outside
		in the permit application.
	The wells appear structurally sound and there is no failure in the integrity.	
		yes no unknown
.91(a	The wells appear structurally sound and there is no failure in the integrity.	yes no unknown
.91(a	The wells appear structurally sound and there is no failure in the integrity.  The wells appear tightly sealed at the surface and no pathways exist for surface water to leak into the wells.  Have records been kept of analyses of	yes no unknown yes no unknown

10 C	; o SR 25-7,264(2)(G) Closure and Post-Closure (General/Standard/Special) Condition
,	There is a copy of the approved closure and post-closure plans onsite( $\checkmark$ )  Plan is up-to-date( $\checkmark$ )
y 2	Modification requests have been submitted to MONR.
10 C	SR 25-7.264(2)(H) Financial Requirements (General/Standard/Special) Condition
•	140 0/0 can produce documents showing compliance with financial requirements  for closure, post-closure, and sudden and non sudden liability
10 C	SR 25-7.264(2)(I) Use and Management of Containers (General/Std/Special) Condition
•	Containers in good condition
•	176 Ignitable or reactive waste at least 50 ft. from property line

7 AD C

sludge (F006/F019 waste) at building 14 was not marked. All containers of hazardous waste must be marked in accordance with the applicable Department of Transportation regulations (49 CFR Part 172) and with the information described in 40 CFR 262.32(b) during the entire on-site storage period.

- 5. Container of hazardous waste not dated, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(2). The dumpster referenced in unsatisfactory feature #4 was not marked with the start date of waste accumulation. The date upon which each period of waste accumulation begins must be clearly marked on all containers of hazardous waste during the entire on-site storage period.
- 6. Tank storing hazardous waste not labeled, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3). The building 14 sludge tank was not labeled. All tanks storing hazardous waste must be labeled with the words "HAZARDOUS WASTE."
- 7. Generator's Missouri Identification Number not on the manifest, in violation of 10 CSR 25-5.262(2)(B). The Missouri Generator Identification Number was not included on the following manifests: #2506 (IL), #2518 (Tx) and #2521 (Tx). The MDAE Tract I Missouri Generator Identification Number (001001) must be included on all manifests.
- 8. The license plate number of the transporter not on the manifest, in violation of 10 CSR 25-5.262(2)(B)2.C. The license plate number of the transporter was not included on the following manifests: #2515 (In), #2514 (Tx), #2506 (Il), #2507 (Mo). The license plate number of the waste carrying portion of the vehicle used to transport waste, including the state of registration, must be included on all manifests.

Questions concerning this report should be addressed to Mr. Trunko.

Prepared By:

Joseph L. Trunko

Environmental Specialist II

JLT/lv



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM LARGE QUANTITY GENERATOR INSPECTION RECORD AND CHECKLIST

L

LQG-INSP

FOR FACILITIES THAT GENERATE/ACCUMULATE > 1000 Kg (2,20	00 lbs. or approximately, 5 drur	ns)
McDonnell Douglas Aerospace East (Tract I)	6/10/93 \$ 6/11/93	MOD 000 818 963
P.O. Box 516 (mail ride 1003377)	0268 - A	MO I.D. NUMBER
ST. Louis NUMBER OF EMPLOYEES	YEARS AT SITE	(314) 232 - 3319
JOSEPH Haake: Group Manager-Environmental	F Hazardous Materials	Services
DESCRIPTION OF THE FACILITY'S OPERATIONS AND PLANT.	A TOTAL CONTRACTOR STATE OF THE	
	<	
	±:	
Included in 1	Report	rs.
	Hump	***
WASTE STREAMS		
DESCRIBE EACH WASTE STREAM GENERATED INCLUDING THE PRODUCTION PROCESS	RATE	D DISPOSITION
1.		
2. (Most Recent Notification form attach	ed)	
3		
	₹.	
4.	8	
5.	77	
CHECK ALL THAT APPLY (Specify if possible)	□ POTW	
<ul> <li>✓ NPDES Permit</li> <li>✓ Lead/Acid Batteries</li> <li>✓ Septic Tank</li> <li>✓ H.W. Burner/Blender/Marketer</li> </ul>	Solid Waste Landfill	
Air Permit Precious Metal Reclamation	Waste Water Pretreatment	

A. GENERAL	11.113	
1. Registered as a HW Generator - Section 260.380.1 (1) RSMo and 10 CSR 25-5.262 (2)(A)	GGR	COMMENTS
2. Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 40 CFR 262.11	GGR	<b>a</b> − 21
3 Utilizes a licensed hazardous waste transporter - Section 260.380.1	GGR	
(5) RSMo 4. Utilizes authorized HW TSD or RR facility - Section 260.380.1(7) RSMo		
Facility does not operate as a TSD - Section 260.390(1) RSMo	GGR	000000000000000000000000000000000000000
PART 1: WALK-THROU  B. PPETRANSPORT, CONTAINERIZATION & STORAGE	GH IN	SPECTION
Storage does not exceed 90 days or 180/270 days if facility generates	GPT	COMMENTS
1000 Kg/month - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)	GFI	
CFR 262.34(a)(1) referencing 40 CFR 265.171	GPT	
3. Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.172	GPT	
41. Containers closed in storage - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.173(a)	GPT	
5 Containers storing incompatible waste separated or protected from each other by a dike, berm or wall - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.177(c)	GPT	
Container storage areas have a containment system if holding more than 1000 Kg of liquid hazardous waste - 10 CSR 25-5 262 (2)(C)2.B.(I)	GOR	
7. Base of containment system is imprevious and free of cracks or gaps - 10 CSR 25-5.262 (2)(C)2.B.(III)(a).	GOR	
8. Containers protected from contact with accumulated liquids - 10 CSR 25-5.262(2)(C)2.B.(III)(b).	GOR	
9. Capacity of containment system = 10% of waste volume or volume of largest container, whichever is greater - 10 CSR 25-5.262(2)(C)2.B.(III)(c).	GOR	
10. Run-on onto the containment system is prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.B.(III)(d).	GOR	
11. Accumulated liquids removed to prevent overflow of containment - 10 CSR 25-5.262(2)(C)2.B.(III)(e).	GOR	
12. Containers of ignitable or reactive waste stored >50 ft. from property line (or meet requirements) - 10 CSR 25-5.262(2)(C)5. referencing 40 CFR 265.176 as amended by 10 CSR 25-7.265(2)(I)7.and 8.		
13. Containers clearly marked "hazardous waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3)	GPT	
14. Waste packaged/labeled/marked per DOT during entire on-site storage period - 10 CSR 25-5.262(2)(C)1.	GOR	
15. Date of accumulation marked on containers - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(2)	GPT	
16. Facility inspected and maintained (weekly) - 10 CSR 25-5.262(2)(C)2.A.(I) and (II) referencing 40 CFR 265.174	GPT	
17. Daily inspection of areas subject to spills, i.e., waste handling areas - 10 CSR 25-5.262(2)(C)2.A.(II)	GOR	
18. Adequate aisle space is available - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.35	GPT	
19. Placards available for transporter - 10 CSR 25-5.262(1) incorporating 40 CFR 262.33	GPT	
20. "No Smoking" signs conspicuously placed by ignitable or reactive wastes - 10 CSR 25-5.262(2)(C)2.D(II)	GOR	
21. Waste oil containers in good condition, labeled and closed - 10 CSF 25-11.010(3)(C)	GOR	
C. SATELLITE ACCUMULATION		
Containers kept closed - 10 CSR 25-5.262(1) incorporating 40 CFF 262.34(c)(1)(i) referencing 40 CFR 265.173(a)	GPT	COMMENTS

2. 🖪	Containers in good condition CFR 262.34(c)(1)(i) referencing		corporating 40	GPT	COMMENTS	
3.	Waste compatible with contai 40 CFR 262 34(c)(1)(i) referen		incorporating	GPT		
4. 4	Quantities accumulated not (hazardous wastes) - 10 40 CFR 262 34(c)(1)	exceeding 55 gal. (1 qua ) CSR 25-5.262(1) i	art of acutely- incorporating	GPT		
5.	Satellite containers go to sto 25-5.262(1) incorporating 40 C		ling - 10 CSR	GPT		
6.	Container marked identifying 5.262(2)(C)3.	contents & beginning dat	e - 10 CSR 25-	GOR		
7. 🔽	Stored in satellite areas less th	nan 1 year - 10 CSR 25-5.2	262(2)(C)3.	GOR		
D. P	REPAREDNESS AND PREV	ENTION AND EMERG	ENCY PROCI	DUR	ES	
	Facility operated and mainta emergency - 10 CSR 25-5.26 referencing 40 CFR 265 31	lned to minimize the po	ssibility of an	GPT	COMMENTS	
2. 🗷	Adequate and proper spill equipment available (fire blank - 10 CSR 25-5.262 (2)(C)2.E.			GPT		
3. ☑	Adequate water supply and fire incorporating 40 CFR 262.34(a			GPT		
4.	1	e operation area capable 10 CSR 25-5.262(1)	of summoning	GPT		
5.	Telephone or two-way radio of fire or police department 40 CFR 262 34(a)(4) referencing	- 10 CSR 25-5.262(1)				
6.	Communication and emerger 10 CSR 25-5.262(1) incorpora CFR 265.33			GPT		
				1		
E. L	QG TANKS		學的學術學			
	QG TANKS TANK DESIGNATION	CONTENTS	CAPAC	ITY	CONTAINMENT	AGE
	TANK DESIGNATION	CONTENTS		ITY	CONTAINMENT	AGE
	TANK DESIGNATION			ITY	CONTAINMENT	AGE
1.	TANK DESIGNATION	numerous tanks		ITY	CONTAINMENT	AGE
1.	TANK DESIGNATION Utilize	numerous tanks		ITY	CONTAINMENT	AGE
1. 2. 3.	TANK DESIGNATION Utilize	numerous tanks		ITY	CONTAINMENT	AGE
1. 2. 3. 4.	TANK DESIGNATION Utilize	Report)  Report  Report  Inches  Report  Inches  Report  Inches  Report	neck valves, dry		COMMENTS	AGE
1. 2. 3. 4.	Spill prevention controls in pl discount couplings - 10 C 262.34(a)(1) referencing 40 C	Report  Report  lace and operating e.g. ch SR 25-5.262(1) incorpor FR 265.194(b)(1)  in place and operating , etc 10 CSR 25-5.262(1	neck valves, dry rating 40 CFR	GPT		AGE
1. 2. 3. 4. 5.	Spill prevention controls in pl discount couplings - 10 C 262.34(a)(1) referencing 40 C Overfill prevention controls alarms, automatic feed cutoff	Repurt  Repurt	eck valves, dry rating 40 CFR e.g. Igh level ) incorporating vertopping - 0	GPT GPT		AGE
1. 2. 3. 4. 5.	Spill prevention controls in ple discount couplings - 10 C 262.34(a)(1) referencing 40 C Overfill prevention controls alarms, automatic feed cutoff A0 CFR 262.34(a)(1) reference CSR 25-5.262(1) incorporar 40 CFR 265.194(b)(3)	Report  Report	e.g. Igh level incorporating vertopping - 0 1) refe en g	GPT GPT		AGE
1. 2. 3. 4. 5. 2. [1]	Spill prevention controls in ple discount couplings - 10 C 262.34(a)(1) referencing 40 C Overfill prevention controls alarms, automatic feed cutoff 40 CFR 262.34(a)(1) reference CSR 25-5.262(1) incorporate 40 CFR 265.194(b)(3)  Waste or treatment method controls alarms.	Report  Report	e.g. Tigh level incorporating vertopping - 0 1) refe en g CSR 25-5,262(1) 265.194(a) CSR 25-5,262(1)	GPT GPT		AGE
1. 2. 3. 4. 5. 2. 1. 2. 4. 5. 4. 5. 1. 2.	Spill prevention controls in ple discount couplings - 10 Controls alarms, automatic feed cutoff A0 CFR 262.34(a)(1) reference CSR 25-5.262(1) incorporation controls alarms automatic feed cutoff A0 CFR 262.34(a)(1) reference CSR 25-5.262(1) incorporation controls alarms automatic feed cutoff A0 CFR 265.194(b)(3) waste or treatment method confincorporating 40 CFR 262.34(a)(1) fincompatible wastes not pla	Report  Report	e.g. Igh level incorporating vertopping - 0 (25.194(a) (25.199(a) (265.199(a)	GPT GPT GPT		AGE

8. Volatiles with vapor pressure > 78 mm @ 25 C not placed in open GOR	
tanks - 10 CSR 25-5.262(2)(C)2.D.(I)	COMMENTS
9. Wastes and residues removed as hazardous waste and tank and equipment decontaminated upon closure - 10 CSR 25-5.262(1) GPTs incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.197(a)	
10. Secondary containment system provided for tanks and equipment; installed after July 14, 1986; storing dioxin waste; over 15 years old; of unknown age in facility over 15 years old; repaired, replaced or reinstalled after July 14, 1986 - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(a)	
11. Secondary containment system constructed of or lined with impervious waste compatible material - 10 CSR 25-5.262(1) incorporating 40 CFR GPT 262.34(a)(1) referencing 40 CFR 265.193(c)(1)	
12. Containment system supported by base capable of preventing failure due to settlement, compression or uplift - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(2)	
13. Containment system provided with a leak detection system capable of detecting a release within 24 hours - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(3)	
14. Containment system sloped or designed to drain and remove liquids - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B. GOR (III)(b)	
15. Containment system capable of containing 100% of the capacity of the largest tank - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR GOR 25-5.262(2)(C)2.B.(III)(c)	
16. Containment system free of cracks or gaps - 10 CSR 25-5.262(2)(C)2.C. gor	
17. Run-on onto containment system prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR GOR 25-5.262(2)(C)2.B.(III)(d)	
18. Spilled or leaked waste and precipitation removed from secondary containment within 24 hours or as soon as possible - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(4)	
19. Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25- 5.262(1) incorporating 40 CFR 262.34(a)(3)	
20. Daily inspections of overfill/spill control equipment, aboveground portions of tank syslem, secondary containment, and data gathered from monitoring equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(a)	
21. Inspection log maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(c)	
22. Cathodic protection systems inspected annually, impressed current sources every two months - 10 CSR 25-5.262(1) incorporating 40 CFR GPT 262.34(a)(1) referencing 40 CFR 265.195(b)	
23. Detailed written assessment by an independent, qualified, professional engineer for tanks installed after July 14, 1986, prepared and on-site-10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.192	
24. Written assessment by an independent, qualified, professional engineer prepared and on-site for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.191	
25. Leak test, internal inspection or tank integrity exam performed annually and documented, by an independent, qualified, professional engineer for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(i)	
26. Leak/spill response resulted in: waste flow stopped immediately; waste removal; containment and removal of visible releases to the environment; notification and report; and repair or closure - 10 CSR	
25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.196	

# PART 2: RECORDS INSPECTION

	10-35.063	
F. MANIFESTS	HER PERSON	COMMENTS
1. Facility uses manifest system - 260.380.1.(6) RSMo, and 10 CSR 25-5.262(2)(B)	GMR	COMMENTS
2. Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a)	GRR	
3 Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(2)(B)	GOR	20
4. Manifest document, ID and consecutive shipment numbers - 10 CSR 25-5.262(2)(B)2.A.	GOR	
5. Generator's name, address and phone number - 10 CSR 25- 5.262(2)(B)2.	GMR	
6. All transporters' names, phone numbers, MO & EPA LD #'s, license plate # - 10 CSR 25-5.262(2)(B)2.	GMR	
7. Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)2.	GMR	
8. DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) - 10 CSR 25-5.262(2)(B)2.	GMR	
9. Containers, quantity and specific gravity designated - 10 CSR 25- , 5.262(2)(B)2.	GMR	
10. Manifest signed and dated - 10 CSR 25-5.262(2)(B)2.	GMR	
1. Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4.A.	GOR	
Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1.	GOR	
Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C.	GRR	
14. Summary Manifest Reports and manifest copies sent to DNR quarterly - 10 CSR 25-5.262(2)(D)1.	GOR	
G. LAND DISPOSAL RESTRICTIONS		
Tests waste or uses knowledge of waste to determine if the waste is restricted from land disposal - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	COMMENTS
2. 1 Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a)	GLB	
3. A "Land-Ban" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)		
4. Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	
5. Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)	.	•
H. PERSONNEL TRAINING		
1. Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(3).	GPT	COMMENTS
<ol> <li>Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFF 262.34(a)(4) referencing 40 CFR 265.16(b)</li> </ol>	GPT	
3. Training reviewed annually - 10 CSR 25-5.262(1) incorporating 40 CFF 262.34(a)(4) referencing 40 CFR 265.16(c)	GPT	
4. Program director trained in hazardous waste management procedure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(2)	GPT	
5. Personnel training plan on-site - 10 CSR 25-5.262(1) incorporating	GPT	
40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)	1	

Gives job title, job description and name of employee filling each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(1) and (2)	GPT	COMMENTS
Written description of introductory and continuing training that will be given to each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(3)	GPT	* * * * * * * * * * * * * * * * * * *
Documentation of training completed by personnel - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR )265.16(d)(4)	GPT	
Records of current personnel maintained until facility closure, former employee records maintained for at least three years - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(e)	GPT	
CONTINGENCY PLAN .		
1. Contingency plan maintained on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(a).	GPT	COMMENTS
<ol> <li>Plan submitted to local emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(b)</li> </ol>	GPT	
3. Emergency coordinator on-site or on call - 10 CSR 25-5:262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.55	GPT	
4. Plan describes actions personnel must take in response to fires, explosions or other releases of hazardous waste - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(a)	GPT	
<ol> <li>Describes arrangements with emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR , 265.52(c)</li> </ol>	GPT	
<ol> <li>Lists names, addresses and phone numbers (home and office) of emergency coordinators - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)</li> </ol>	GPT	
7. Primary emergency coordinator designated - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	GPT	
8. List emergency equipment including description, location and capabilities - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4)  referencing 40 CFR 265.52(e)	GPT	
<ol> <li>Evacuation plan, if applicable, designates primary and secondary routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f)</li> </ol>	GPT	
J. WASTE OIL	with the	
Waste oil is managed properly and not disposed of into the environment	GOR	COMMENTS
2: Listed hazardous waste mixed with waste oil is handled as a hazardous waste - 10 CSR 25-11:010(1)(C)2.	GOR	**
3. Registered as waste oil generator if gen./accum. 220 lb 10 CSR 25-11.010(2)(A)	GOR	
4. Written waste oil contract maintained - 10 CSR 25-11.010(4)(C)	GOR	
5. Uses a licensed transorter and receiving facility - 10 CSR 25-11.010(4)	GOR	
K. RESOURCE RECOVERY	g Inger or a grand to a	
1. RR certification for energy recovery or reclamation of waste oil or hazardous waste on-site - 10 CSR 25-9.020(1)(A)3.	GOR	COMMENTS
2. Still bottoms or RR esidues disposed of properly - Section 260.380.1(5)	GOR	
3. Facility is classified as U, R1 or R2 accurately - 10 CSR 25-9.020(3)(A).	GOR	
4. Facility meets the operating conditions of certification - 10 CSR 25-9.020(30)(E)3.	GOR	
5. Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9.020(3)(E) 1. and 2.	GOR	
10 700 000 (7 00)	1	LOG PAGE 6

A min		
6. Facility report submitted to DNR quarterly - 10 CSR 25- /9.020(3)(E)6. referencing 10 CSR 25-7.264(2)(E)3.	GOR	COMMENTS
7. Facility maintains a written operating record - 10 CSR 25-9.020(3)(E)5. referencing 40 CFR 264.73(b)(1) & (2) as modified by 10 CSR 25-7.264(2)(E)2.	GOR	
8. Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103.		
9. (A) R2 facility uses an adequate sampling and analysis plan to assess incoming shipments - 10 CSR 25-9.020(3)(C)1.	GOR	
10. R2 facility maintains a daily log of manifest number, wastes received, disposition of waste and corresponding sampling data - 10 CSR 25-9.020(3)(C)2.	GOR	
11. R2 facility has a written closure plan which meets 40 CFR 264.112 requirements - 10 CSR 25-9.020(3)(C)3.	GOR	
12. R2 facility provides financial assurance for closure - 10 CSR 25-9.020(3)(C)4.	GOR	
CHECKLIST KEY		9
Check the 🗹 if in compliance.		
Circle the if not in compliance and provide comment.		1 2
N/A = Not Applicable		5 1
A shaded item is a serious deviation from the requirements (Class I v	violation)	-
An unshaded item is a significant deviation from the requirements (C	Class II violation unless co	nditions warrant Class I)
COMMENTS: INCLUDE DISCUSSION OF FACILITY'S WASTE MINIMIZATION PI	LAN	
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INCREGATORIS SIGNATURE		DATE
INSPECTOR'S SIGNATURE Loryh L. Junh		6-30-93

MO 780-0854 [7-92)

LQG PAGE 7 OF 7

HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSAL FACILITY PERMITTED FACILITY CHECKLIST Date 6/10/93 / 6/11/93 Name of Facility: McDonnell Daugles Acrespore East (Trut I) Missouri I.D. # 601001 Address: Po. Bux 516, mail (ode 10033.77) EPA I.D. # MOD 000818963 St. Louis, Mo 63166-0516 Facility Representative: <u>Toe Hoake</u> --Phone Number (314) 232 - 3319 Title: GOOD Manager Provide a brief description of the treatment, storage or disposal process, if the process has changed from the description in the permit application. Permit modifications were submitted in 1990 1 1991 requesting numerous changes to storage permit OSO 062284 OOD Internation concerning these modifications is included in the report. List the hazardous wastes, if any, that are not listed in the application or permit but that are found being treated, stored, disposed or recycled: Amount/Month Kilogram/Month Discosition I.D.# 2. None

THUE . I

Are the manifest(s) and quarterly summary reports being completed and filed with the Department of Natural Resources at P.O.Box 176, Jefferson City, MO. 65102 as required.

yes \_\_\_\_\_\_ no \_\_\_\_\_

Total

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A. Wastes from None						the four	-digit i	number	from	40 C	FR Part	261.31	for e	ach list	ed haz	ardou	s waste	from r	nonspecific
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B. Wastes from Spec your installation ha	ific So	urces ( Below	K-List) each nu	Enter	the i	four-dig	it num nthly g	ber fro enerati	m 40 ( on amo	OFR I	Part 261 n pound	.32 for s and fr	each equen	listed h	azardo A, B,	or C.	ste fron	n speci	lic sources
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C. Commercial Chemi	cal Prod	luct Wa	stes (W	and P	Lists).	Enter th	e lour-	digit nu	mber fi	om 4	O CFR P	art 261.3	3 for e	ach che	mical s	ubstan	ce your	installat	ion handles
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handles. (See 40 Cl	R Parts	261.21	- 261.2	4) Belo	w eac	h box th	at you	check.	enter th	e mo	nthly ge	neration	amou	nt expre	ssed in	pound	is and g	eneratio	n frequency
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XI. CERTIFICA	TION																		
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MO 780-1164 (8-88)

ID - FOR OFFICIAL USE ONLY												
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	F HAZARDOUS W	Enter the four-digit	number from 40	CFR Part 261.31 for each	listed hazardous waste	from nonspecific						
sources your installa	ition handles. Below ea	ich number, enter mon	ithly generation ar	nount in pounds and frequer	ncy code A, B, or C.							
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B. Wastes from Specif	ic Sources (K-List). E	nter the four-digit num	mber from 40 CF	R Part 261.32 for each liste	d hazardous waste from	n specific sources						
your installation had	ndles. Below each number	ber, enter the monthly	generation amour	nt in pounds and frequency of								
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			e died number from	n 40 CER Part 261 33 for each	chemical substance your	installation handles						
C. Commercial Chemical Product Wastes (W and P Lists). Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be hazardous waste. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.												
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D. (Reserved)				at a sharp the characteristics of	nonlisted hazardous was	tes your installation						
E. Characteristics of N	onlisted Hazardous Was	stes, Mark an 'X' in the Relow each box that vo	e boxes correspond ou check, enter the	ting to the characteristics of monthly generation amount e	xpressed in pounds and g	generation frequency						
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the possibility of fi	ne and imprisonmer	nt.		ICIAL TITLE (TYPE OR PRINT)	DATE							
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MO 780-1164 (8-88)			1000			•						

14 May 1993

Mr. Kenneth J. Davis Environmental Specialist Waste Management Program P.O. Box 176 Jefferson City, MO 65102

CERTIFIED MAIL - RETURN RECEIPT

Dear Mr. Davis:

Enclosed are our Generator's Hazardous Waste Report Summary sheets and our Facility Quarterly Summary Report for the first quarter of 1993.

If you have any questions, please contact Joe Haake at 314-232-6941.

Sincerely,

Debbie Quargnenti, Departmental Assistant Environmental and Hazardous Materials Services Dept. 064C, Mail Code 0343530 1003377

314-234-3631

dq



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE **SUMMARY REPORT - PART I** 

MCDONNELL DOUGLAS CORPORATION TRACT I

CONTACT: JOE HAAKE

MCDONNELL &'LINDBERGH BLVD. MO 63042 HAZELWOOD

EPAID=MOD000818963

SENERATIRS CPAID NUMBER

MOID=001001

GENERATOR S MISSOURITO HUMBER

SOMMANI NEPONI - I ANTI	M.O.D.O.O.O.8 MOTE: THE FEDERAL EPA F EXCLUSIVE, TO THE SIT DEPARTMENT IF THE ADDRE	AND MISSOURI GE F WHERE WASTE	NERATOR ID	D YOU MUST NOTIFY THE !
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SECTION B - GENERATOR IDENTIFICATION	revious reports requir	es renotificatio	n to the De	epartment.
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S GENERATOR CONTACT PERSON INAME I SAME AS LABEL		TELEPHONE NUMB		
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6. MAILING ADDRESS	ST. LOUIS		MO	63166
P.O. BOX 516, MAIL CODE 1003377  7. PLANT SITE ADDRESS  AS SAME AS LABEL	CITY		STATE	ZIP CODE
LINDBERGH & MCDUNNELL BLVD.	HAZELWOOD		MO	63042
A NAME OF PARENT FIRM			OFFICE USE D	NLY
MCDONNELL DOUGLAS CORPORATION				4 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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ROBERT H. KAATMAN	ah			1/ 1/1/73
MO 780-1097 (8-91)	·#0:	,	HANIFEST SUM	MARY REPORT / DRR-114G-11

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C. Commercial Chemical Product Wastes (W and P Lists). Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be hazardous waste. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.															
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MO 780-1164 (8-88)	Mr /Sarti	Rober	t H. Kaatman, Mgr		( 5 Jep 10										

14 May 1993

Mr. Kenneth J. Davis Environmental Specialist Waste Management Program P.O. Box 176 Jefferson City, MO 65102

CERTIFIED MAIL - RETURN RECEIPT

Dear Mr. Davis:

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If you have any questions, please contact Joe Haake at 314-232-6941.

Sincerely,

Debbie Quargnenti, Departmental Assistant Environmental and Hazardous Materials Services Dept. 064C, Mail Code 0343530 1003377

314-234-3631

dq





MO 780-1097 (8-91)

MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I MCDONNELL DOUGLAS CORPORATION TRACT I

CONTACT: JOE HAAKE

MCDUNNELL & LINDBERGH BLVD. HAZELWOOD MO 63042

EPAID=MODO00818963

SENERATIAS EPA ID NUMBER

MOID=001001

GENERATORS HISSOURITO HUMBER

MANIFEST SUMMARY REPORT / DNR-HWG-1

SUMMARY REPORT - PART I	M.O.D.O.O.O.8 NOTE: THE FEDERAL EPA EXCLUSIVELY TO THE SIDEPARTMENT IF THE ADDRE	AND MISSOURI GE	NERATOR I	O. 1. 0. 0. 1  D. NUMBERS ARE ASSIGNED ED YOU MUST NOTIFY THE NICHANGES
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NOTE PLEASE READ INSTRUCTIONS AND EITHER PLACE SECTION A. REPORT IDENTIFICATION				
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NOTE: Any change in either the mailing or site address from p	revious reports regain			
4 GENERATOR'S NAME & SAME AS LABEL				
MCDONNELL DOUGLAS CURPURATION		TELEPHONE NUMB		
5 GENERATOR CONTACT PERSON (NAME) SAME AS LABEL		314-232	-3319	
JOE HAAKE	CITY		STATE	ZIP CODE
6. MAILING ADDRESS	ST. LOUIS		MO	63166
P.O. BOX 516, MAIL CODE 1003377	CITY		STATE	ZIP CODE
7. PLANT SITE ADDRESS A SAME AS LABEL	HAZELWOOD		MO	63042
LINDBERGH & MCDUNNELL BLVD.			OFFICE USE	ONLY
MCDONNELL DOUGLAS CORPORATION				
MCDONNELL DOOGLAS CONFORMITON	NET -	4-14-15 Bel 44-1	Triber	
SECTION C - STATUS OF WASTE GENERATED (CHECK O		11		
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ROBERT H. KAATMAN	a-41)			

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAMI HAZARDOUS WASTE PROGRAM

GENERATOR HAME

McDonnell Douglas Corporation

EPA ID NUMBER

MISSOURI I D NUMBER \_\_

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5.	FACILITY SITE ADDRESS							I, I, U,	d, 8,	n'6'1	'3'9'1 ':
	633 East 138th Street						1				D. NUMBER
CI	•			STATE	Z	IP CODE					
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18.								A 10 000			D. Personal C.

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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

3	BEFORE COPYING FORM, ENTER THE GENERATOR'S NA AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.	A
	GENERATOR HAME	-

McDonnell Douglas Corporation

EPA ID NUMBER

M, O, D, O, O, O, 8, 1, 8, 9, 6, 3

MISSOURITO NUMBER

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A	TTENTION: Summarize all shipme	ents ma	de to the	SECTION	F - REP	ORT IDENT	IFICATION	I IAS SH	ÓWN	ON DA	DT IN
Н	azardous Wasle Management Fa	cility	you have		L ELLION SI	MUING (CHECK	ONE I FILL IN Y	EAR)	2. PA	GE	TUD.
id	entified in Section G below. Addi	tional	Dages are	9-30- (2) 3-31-9	(YEAI		31 (YEAI	3)	1 3	3 OF_	11
Le	quired for each off-site managemen	t facilit	y utilized.	G 2-31-5	YEAF	P) (J 6-	30 (YEAF	1)		OF _	
S	ECTION G - FACILITY IDENTIFICA	TION	Market Bear	ing approxim	10 at 20	10 2 2 5 5 A				43	
3.			FUC MYSTE	MAS DELIVERE	D)			4 646011			
	Heritage Environmental Se	rvice	es, Inc.		•			4. FACILIT	T'S EP	K I D. NU	MBER
5.	FACILITY SITE ADDRESS			· · · · · · · · · · · · · · · · · · ·				I ·N ·D	0.9	3 2 1	901
ļ.,	7901 West Morris Street							6. FACILIT	Y'S MIS	SOURII	D. NUMBE
<u>'</u>	Indianapolis			STATE		ZIP CODE					
G	ECTION H - WASTE IDENTIFICATI	AN ion	Section 1	IN		46231				O. N. I	
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ŀ	DESCRIPTION OF WASTE	DOT		<b>3</b> .	10. TAX		11.		12.	13	14.
M	SHIPPED TO THE	HAZARO		WARDOUS ENUMBER	.cooe	1	THUOMA JATO		UNIT	SPECIFIC	FINAL
Ľ	FACILITY LISTED ABOVE	3003	1	. HOWOLK	(SEE INST.	1	OF WASTE		MEAS.	GALAITY	KANDLING
1	Acid from plating/anodiz-		D O O	2 D O O 5		1					
	ing aluminum/titanium	0 2	D 0 0	7 · · ·			34,20	50	P	:	T. 0.
2	Acid from metal surface passivate	0.5	D 0 0	2 D O O 7						•	
	Industrial wastewater	10 2	D 0 0	3 5 0 0 6			26,20	00	Р		L. 0.
3	pretreatment sludge	1 5	F 0 1	3 F O O 6			06.04	20			
,	Water-emulsified	-	009	-1		-	26,82	20	Р	•	L. 0.
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SE	CTION I TRANSPORTATION SER	VICES	UTILIZED	Same Property				· ·			
	15 COMPANY NAME				16 MIS	SSOURI ID HO	17 US EPA I D				
	Horitago Trans										
	• Heritage Trans	sport	, Inc.	J [	н	1 '4 '6 '4	I. N. D. O.	5.8.4.	8.4.	1.14	
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	c				H· - ·						
श्र	CTION'J-COMMENTS								or 6		
G.			O. C.								

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZAR DOUS WASTE PROGRAM

P.O. BOX 178 JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.	NAI
GENERATOR MANE	

McDonnell Douglas Corporation

EPA ID NUMBER

M, O, D, O, O, O, 8, 1, 8, 9, 6, 3

		OTTLE			OUNITO NO	~~°°°	0.0.1.	0 0	1					
NOTE PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE														
ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.  SECTION F-REPORT IDENTIFICATION (AS SHOWN ON PART J)  1 FOR THE PERIOD ENDING (CHECK ONEL FILL IN YEAR)  2. PAGE  9-30-  (YEAR)  3-31-  93(YEAR)  1 6-30-  (YEAR)														
SECTION G - FACILITY IDENTIFICATION  5. FACILITY NAME (NAME OF OFF SITE LOCATION WHERE WASTE WAS DELIVERED)  A FACILITY SERVICE OF SITE LOCATION WHERE WASTE WAS DELIVERED)														
Aptus. Inc.														
5. FACILITY SITE ADDRESS K. S. D. 9. 8. 1. 5. 0. 6. 0. 2														
CI	P.O. Box 1328/Hwy. 169 Nor			.)	6. FACILITY'S MISSOURI I D. NUMBER									
Ç.	Coffeyville	STATE ZIP CODE				The state of the s								
B	SECTION H - WASTE IDENTIFICATION * SECTION *			KS			67337							
	7	1.							1.5					
L I W E	DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	DOT HUZARD CODE	I BENIMANA I		10. TAX *CODE (\$EE INST.)		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13 SPECIFIC GRANTY	14. FINAL HANDL NG EDOE				
1	PCB-contaminated debris	15		• • •	Α		297		Р	•				
2	PCB-contaminated						231		P	•	T 0 ;			
$\overline{-}$	oil	1 5		• • •	A		7,693				T '0 ' 3			
3	PCB-contaminated transformers													
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1	CTION L. TOANSBOOK STORY									:	• •			
	CTION 1 - TRANSPORTATION SER	VICES	UTILIZED					Z. Series		13.3				
3 COMPANY NAME					16 MISS	16 MISSOURI ID NO 17 US EPA I D NUMBER								
	• Aptus, Inc.	H· - ·1	3 4 5	W. N. D. 3.	8.0.7.									
1	CTION J - COMMENTS - 282 - 3.		5, 1 to 10 to 10 to 1	- 17 m	Н· • •	• • •								
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Box 6 left blank per:Ken Purvis of MoDNR

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S HAN HAZARDOUS WASTE PROGRAM

AND IDENTIFICATION NUMBERS AS SHOWN ON PART I. P.O. BOX 176

GENERATOR'S HAZARDOUS WASTE

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

GENERATOR NAME

McDonnell Douglas Corporation

EPAID NUMBER

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

	REPORT SUMMARY		MISSOURITO NUMBER 0 .0 .1 .0 .0 .1										
N	OTE > PLEASE READ INSTRUC	TIONS	AND EIT	HER PRINT	OR T	YPE		-					
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S	ection G - facility identificat	ION .					. F. Y	rich des				46.5%	
3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)  Safety-Kleen Corporation 5. FACILITY SITE ADDRESS									K.Y.D.0.5.3.3.4.8.1.0				
	State Hwy. 146						6. FACILITY'S MISSOURI I.D. NUMB						
_	New Castle	**************************************	KY		1	1P CODE 40050		R R K· Y· 0· 2					
9	ECTION H - WASTE IDENTIFICATION		State of		and the owner, where	Name and			÷ ;		¥ 4.00	100	
	DESCRIPTION OF WASTE SHIPPED 10 THE FACILITY LISTED ABOVE	B. DOT HAZARD CODE	-	9. Zardous Enumber	TA -CO {\${E  }	30	11. TOTAL AMOUI OF WASTE			12. UHT OF MIAS.	13 SPECIFIC GRAYITY	14. FINAL HANDLIN CODE	
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2	·		D·0·3·5		1 -								
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5	Oil contaminated with chlorinated solvents	1 3		F·0·0·3	A			7,680	)	Р		T '5 '	
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7	÷												
8					<u> </u>		-						
31	ECTION 1 - TRANSPORTATION SER	VICES	DILLIZED	A TOP OF							1	81.7	
TO COMPANY NAME					16 MISSOURIID NO 17 US EPA I				NUMBER				
	• Schneider Tank Lines, Inc.					H· - · 1 · 4 · 3 · 1 W· I · D·			8.0.9	3 · 0 · 9 · 0 · 4 · 7 · 4 · 2			
* ·	Schiber Truck	any	H· •			- · 1 · 4 · 2 · 7   I · L · D · (		0.6.4	9.3	9.3.1.91			
SE	CTION J. COMMENTS		. (2. *	A	Н	• • •							
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MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAT HAZARDOUS WASTE PROGRAM P.O. BOX 174

AND IDENTIFICATION NUMBERS AS SHOWN ON PART I. GENERATOR HAME

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

McDonnell Douglas Corporation EPA ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

MISSOURI I D NUMBER

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id	entified in Section G below. Addit	ional	nanet are	E 0 1.30	(YE	AR)	12-1	31 (YEAF	1)	ľ	6_of_	11
re	quired for each off-site management	facility	v utilized	Ø 3-31-	37 (AE	AR)	☐ 6-:	30 (YEAP	1}		OF	
	ECTION G - FACILITY IDENTIFICATION			20.757 (4.00)(2.0)	alast see							
3.	FACILITY NAME (NAME OF OFF-SITE LOCAT	ION WH	ERE WASTE	WAS DELIVER	ED)				4 6400			
	LWD. Inc.								4. FACILIT	T S EPA	I D. NU	MBER
<b>3</b> .	FACILITY SITE ADDRESS								$K \cdot Y \cdot D \cdot$	۰8 ۰	8 •4 •3	881
CI	P.O. Box 327, Hwy. 1523								6. FACILIT	Y S MIS	SOURI I.	D. NUMBEI
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	CTION I TRANSPORTATION SER	VICES	UTILIZED								1	Mar.
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZAR DOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAMED AND IDENTIFICATION NUMBERS AS SHOWN ON PART I. P.O. BOX 178

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

McDonnell Douglas Corporation EPA ID NUMBER

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

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S	ection H - Waste Identification	ON E	Service .	Transport		કું. <sub>ે. કુ</sub>	Frank of the	March St. Committee				
L N E	DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	PA HAI	ARDOUS NUMBER	10. TAX *COOE (SEE INST.)		11. TOTAL AMOUNT OF WASTE		12. UNT OF M(AS.	13 SP(CIFIC GRAVITY	14 FIN HAND COC	I. AL LING
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ŞΕ	CTION : TRANSPORTATION SER	VICES	UTILIZED	Stage Const.	1 100	1.00				7.33		
	15 COMPANY NAME			,,,,,		OURI ID NO	17 US EPA I D P					
	• Safety-Kleen Co	rpora	tion		H* - *1	l ·2 ·7 ·3	M O D O	9. 5. 4.	8.6.	3.12		
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	CTION L. CONNENTS				н							
13	CTION J - COMMENTS - SE - SE		P. Charles	<b>建设的体验</b>								
											350 W.S.	



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.	NA
GENERATOR NAME	

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MISSOURITO NUMBER 0 0 1 0 0 1

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N	OTE > PLEASE READ INSTRUC	CTIONS	AND EIT	HER PRINT	OR TYP	PE				<del></del>	-
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Н	azardous Waste Management Fa	cility	vou have	. LAK LIVE	L EUIOO EU	ADING (CHECK (	DHE IL FILL IN YI	EAR)	2. PA	GE	
iđ	entified in Section G below. Addi	lional	pages are	9-30	(YEAR		31 (YEAF	1)		8_of_	11
re	quired for each off-site management	t facility	ulilized.	Ø 3-31-9	스_ (YEAR	i) 🗆 6-:	90 (YEAF	1)		=_, OF _	
S	ECTION G - FACILITY IDENTIFICA	TION		a. The Administration				and the Control of the			
3.	facility name (name of off-site locat	ION WH	ERE WASTE	WAS DELIVERE	D)			4 FACILIZ	V 0 5 0		
	Safety-Kleen Corporation				- •			4. FACILIT			MBER
5.	FACILITY SITE ADDRESS							0 · H · D ·	984	0 5 8	7 3 6
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S	ection H - Waste Identification	ON SEE	**************************************	UN Facility	Chicago State	43025				0.H.O	
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	• Schneider Tank	Line	S		H	1.4.3.1	M. I. D. 3.	8. 0. 9.	0.4.	7.42	*
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SΕ	CTION'J - COMMENTS	100							• •		
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TO4: Recycling



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZAR DOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE

THE TENTION NOME	ENTER THE GENERATOR'S NA BERS AS SHOWN ON PART I.
GENERATORHAME	

McDonnell Douglas Corporation

M. O. D. O. O. O. 8.1.8.9.6.3

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ĮН	azardous W	asle Management F	acility	you have			THOMA ICHECK	OME & PILL IN T	EAR)	2. PA	GE	ill U	
lid	entified in S	Section G below. Add	ditional	Dages are	9-30-	3Y)		-31 (YEA	٦)	1 4	9_ of_	11	
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S	ECTION G.	FACILITY IDENTIFIC	ATIAN										
3.	FACILITY NAME	NAME OF OFF-SITE LOC	ATION WI	FRE WASTE	WAS DELIVED			F 18 18 1	1.3		-		
l	Rollins E	nvironmental Ser	vices	(TV) 1-	O DECIVER	וטו			4. FACILIT	Y'S EP	AID. NU	MBER	
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

BEFORE COPYING	FORM,	ENTER	THE	GENER	ATOR'S	NA
AND IDENTIFICATION	MUH HC	BERSA	SSHC	MUON	PART I.	

GENERATORNAME

McDonnell Douglas Corporation

EPAID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MISSOURI I D NUMBER

							. 0.1.	0.0.			
N	OTE PLEASE READ INSTA	RUCTIONS	AND EIT	HER PRINT	OR TY	PE					
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	entified in Section G below. A			9-30 (C) 3-31	(YEA!		1 (YEAR		10	OF	11
	quired for each off-site managem			G 3-31- 7	CO (TEAL	R) 🗌 6-30	PA3Y) (YEAR	)			
3	ECTION G - FACILITY IDENTIFI	CATION		er og engels	W 5 51	antig de la la	ante della				ATTO DE LA COLORIA
3. 1	FACILITY NAME (NAME OF OFF-SITE LO	CATION WH	ERE WASTE	WAS DELIVERE	D)	the office of the state of		4. FACILITY			1959
F	Rollins Environmental Sei	rvices (	(TX) Inc	C.			1				NUCA
	FACILITY SITE ADDRESS							T ·X ·D (	5 5	5 1 4	1 3 7
	2.0. Box 609, 2027 Battle	eground	Rd.					6. FACILIT	Y'S MIS	SOURI I.	D. NUMBE
CI	• •			STATE		ZIP CODE	·		T. N.	T. X. 1	6
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5E	CTION J - COMMENTS - SE							14 28 T			
									(10) To		

382 1003 18 211

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176 GENERATOR'S HAZARDOUS WASTE

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAM HAZARDOUS WASTE PROGRAM

AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

McDonnell Douglas Corporation

M.O.D.O.O.O.8.18963

TATE	REPORT SUMMARY					DURITO NU		0.0.1.	0.0.	1	32_M		
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5, 6	McDonnell Douglas Corporat	non											
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CIT	Y			STATE		1 2			6. FACILIT	Y'S MIS	SOURI I	D. NUMBI	ER
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1	CTION'S COMMENTS		8 8 8 8	e en leve d					7				
<b>y</b> .				VS.50									
	af												

#### TEXAS WATER COMMISSION P.O. Box 13087, Capitol Station Austin, Texas 78711-3087



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

FIE		or type it of the designed for dise of time (12-pitch) typewriter )		1	orm approved. OM	R NO SI	050-0039 expires 09-				
A		UNIFORM HAZARDOUS         1. Generator's US EPA ID No.         M           WASTE MANIFEST         M         0. D         0. 0         0. 8         1. 8         9         6.3         3         9         6.3         1. 8         9         6.3	anifest	2. Pa	is not	nation i requir	n the shaded are ed by Federal la				
		nerator's Name and Mailing Address MCDONNELL-DOUGLAS AEROSPACE	an)		ate Manifest Do	cument	Number				
	*II	N CASE OF EMERGENCY* P.O.BOX 516 MAIL CODE 03435 SEE BOX 15 * ST. LOUIS, MO 63166	30				004				
	4. Ge	nerator's Phone ( 314 ) 232-3319 ATTN: DEBBIE QUARGNENTI		B. Si	ate Generator's	920	a day				
		nsporter 1 Company Name 6. US EPA ID Number		C. Si	ate.Transporter	ID ?	78-3127				
1		TIM ENDIRENMONTAL TRANSP. LAD981059	217	D. Tr	ansporter's Phor	900	1-224-7/64				
	1 4	risporter 2 Company Name  8. US EPA ID Number  10 10 10 10 10 10 10 10 10 10 10 10 10 1		F: Tr	ate Transporter's ansporter's Phor	D-4	0757				
П		signated Facility Name and Site Address 10. US EPAID Number lins Environmental Services (TX), Inc.		GS	ate Facility's ID:		111100				
				31,6 °	ห็พรถือซื่อ <b>ง</b> ได้1	E.J.A	al-Mau				
		r Park, TX T. D. D. 5. 5. 1. 4.1	3,7,8	H. Fa	713-930-23	00	A street				
	11A. HM Number)  11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers Total Unit Wi/Vol										
	X	a. WASTE COMPRESSED GAS, N.O.S., FLAMMABLE GAS					tan				
GE		UN1954	0.0.1	D F	0.0.0.0.2	P	801 2015003 LI				
GEZERATOR	х	b. WASTE COMPRESSED GAS, N.O.S., NONFLAMMABLE GAS					:				
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		d.									
				·			等限。 使一				
П	J. Add	itional Descriptions for Materials Listed Above DO0 1 SRSTREAM # HO-67242-18 (ALL AEROSOL		K: Ha	indling Codes for	Waste	s Listed Above				
	b)	STREAM # HO-67240-18		The second	M04	4,-					
	15. Sp	ecial Handling Instructions and Additional Information 100. No . Holid contact with waste. Contain all spills. In case	531								
	Che	mtrec at $1-800-424-9300$ . In Texas, call the TWC at	512-4	63-7	ent or spi '760. If L	.ıı, ınabl	notity e to				
	del	iver, return to generator. DOT Emergency guide 11a	. 22 11	ь. 12	2 11c. 11	d.					
	Cla	NERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully a issified, packed, marked, and labeled, and are in all respects in proper condition for transport	nd accurate by highwa	ely desc ny acco	cribed above by pro ording to applicable	per ship	oping name and are ational				
	go If I	vernment regulations, including applicable state regulations.  am a large quantity generator, I certify that I have a program in place to reduce the volume and t	oxicity of w	asle ne	nersted to the dea	roo I hay	e determined to be				
	ec	onomically practicable and that I have selected the practicable method of treatment, storage, or di ure threat to human health and the environment; OR, if I am a small quantity generator. I have ma	soosal curre	ently av	ailable to me which	minimi	one the present and				
	the	e best waste management method that is available to me and that I can afford.					ineration and select				
A		month A Hickory Signature	.1.	1			Month Day Ye				
TR		ansporter 1 Acknowledgement of Receipt of Materials	me	Rich	1		Date Date				
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AZWPORTHR.		nted yped Name Signature Signature	0	1			Date  Month Day Ye				
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	19. Di:	sclepancy Indication Space /	/								
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C-L	20 Fa	cility Owner or Operator: Certification of receipt of hazardous materials covered by this	masilest			10					
FACILITY		RES (TX)	mannest (	except	as noted in Item	19.	Date				
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T1.		(Rev 01/01 89) White - original Pink-TSD Facility	40	Re	ehle	لـح	03/04/9				
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### TEXAS VAZER-COMMISSION P.O. Box 13087, Capitol Station Austin, Texas 78711-3087



Please print or type (Form designed for use on elite (12-pitch) typewriter)

Form approved OMB No 2050-0039, expres 09

T	ι	INIFORM HAZARDOUS	1. Generator's L	JS EPA ID No.	Ma Docui	nifest cent Nex	2. Pag		Informa	ation in	the shaded are d by Federa a	
A		WASTE MANIFEST	MODOC	0 8 1 8 9	9 6 30 2	518		te Manife				
		nerator's Name and Mailing Address	MCDONNELL-	-DOUGLAS A	LRUSPACE		A. 310				01	
	*IN	CASE OF EMERGENCY*	P.O.BOX 51 ST. LOUIS		DE 034333	٠ <u> </u>	B Sta					
	*	SEE BOX 15 * nerator's Phone ( 314 ) 232-33	יס בוטטדייע פו	RRIF OÚAR	SNENTI	1	D. O.	te Gener	790	129	dos	
	4. Ge	nerator's Phone ( 314 ) 232-33	19 KIIIV. D.	6. USE	PA ID Number		C. Sta	State Transporter's ID 7 2-372 Ti				
П	5. Tra	nsporter 1 Company Name Tom ENVIRONMENTAL	1 100000			19					7744364	
	1 7 T	dor 2 Company Name		0.	, , , , , , , , , , , , , , , , , , , ,		E. Sti	ate Transp	orter's	ID	40757	
П	11/5	OM ENVICONMENTAL	TRANSPORT	LAD 98	10590	.17 .				504	1-774-36	
	9 De RoI	signated Facility Name and Site Addre	ss vices (TX),	10. USE Inc.	PA ID Number		G. St	te Facilih НЩ5008	9001			
		7 Battleground Road r Park, TX		TXDOS	5 1 4 1	3 7 B	H. Fa	cility's Ph	one 10-23	00		
П	1		Chinning N		<u> </u>	12. Contain	ners	r 13		14.	1	
	11A. 11. US DOT Description (including Proper Shipping Name, Nazara and No Type Ouanity Wt Vol									Waste No.		
	X	WASTE DICUMYL PEROXIDE, DE	RY, ORGANIC	PEROXIDE	UN2121							
G						0' 1'4	DF	0 0 0	2 8	Р	OUT5003 H	
EX	1,7	b. WASTE PAINT, FLAMMAI	BLE LIQUID.	UN1263			}	ļ			- 1	
ZER	X	WASIL TRIVEY LEADER	J,							P	1	
A T C						0.06	DF	0 0 1	4 4	D-F	buns 003 H	
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		<u> </u>				10 1 0	-	<u> </u>			J-11,2	
	X	d. WASTE OXIDIZER, N.O	.s., UN1479	9			l					
						_					Proz 003H	
J. Additional Descriptions for Materials Listed Above (ALL LABPACKS)										S LISTED ADOVE		
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	b)	D001	005 11112 11	150 11161 5	но-672	36-63 7236-	ra.	REC!		1116	Taragan . Taragan	
	(၁	D001, D007, D008, F003, F Special Handling Instructions and Addi D10 contact with waste	tional Information	WO. 7	UR H	1531		o rej				
	Av	did contact with waste.	Contain	all spills as, call t	. In cas	Se of a	63	jent o 7760	r sp:	ınabl	notity	
	Ch	emtrec at 1-800-424-930 liver, return to genera	In lex	as, call t	ne lwo an	48 11	h. 2	611c	271	1d. 3	5	
	11 (	classified, packed, marked, and labeled, a	and are in all respe	ects in proper con	DILION IOI TRANSPO	on by mg	a, ao	, , , , , , , , , , , , , , , , , , ,				
		government regulations, including applicabl If I am a large quantity generator. I certify the		n in place to reduc	e the volume and	toxicity of v	vaste ç	enerated to	the de	gree I ha	ive determined to	
1		economically practicable and that I have se	lected the practication	a small quantity ge	nent, storage, of nerator, I have n	ade a good	faith e	flort to mini	mize my	waste g	eneration and sele	
		the best waste management method that is	available to me and	that I can afford.		1					Month Day	
1		Printed/Typed Name	•	Signal	19 DO		7				Month Day	
	E	AMOND A. HICKE	/	Cit	C_V ,V.	Au	CN.	Lug			Date	
	H	Transporter 1 Acknowledgement of Re	eceipt of Materials	Signa	urre/ /2	1	/		-//	7	Month Day	
	ŝ /	Privited/Typed Name	med	1/0	10/10	1/20	es	reu	//		122122	
	0 18.	Transporter 2 Acknowledgement of Re	eceipt of Materials		11 41		_				Date	
	R T E R	Printed Typed Name	-	Signa	Mrg. X	DIL	nA				Month Day	
	E R	KeiWI DRYGNI			ary	pry					10.000	
	19.	Discrepancy Indication Space				' /						
	F											
	F A C									10		
	20.	Facility Owner or Operator: Certification	on of receipt of ha	zardous materia	Is covered by t	his manifes	st exce	ept as note	ed in Ite	m 19.	Date	
	†	RES(TX)		le:	duro		- //	11	-		Month Day	
		Printed/Typed Name Edward A. Ste	6/-	Signa		1/1	X	11/2	h		103104	
		Edward H. Ite	ney	10	mil	TUC	V					

.. un' designed for use on elite (12-picn) typewith

Manifest

Generator's US EPA ID No.

パDOUS

ANIFEST ane and Mailing Address Form Approved. OMB No. 2050-0039, Expires 9

2. Page 1 Information in the shaded areas not required by Federal law. I of 1 State law.

EPA Form 8700-22

Previous editions are obsolete. State Form 11865 (R/4-89)

#### HERITAGE ENVIRONMENTAL SERVICES, INC. Land Disposal Restrictions Notification Form Characteristic Wastes

In accordance with the Hazardous and Solid Waste Amendments of 1984 (HSWA) of the Resource Conservation and Recovery Act which restricts th land disposal of hazardous wastes, we are notifying HERITAGE by marking the appropriate box(es) that indicate the Hazardous Waste number Subcategory, Treatability Group, Treatment Standard Reference and Five Letter Treatment Code to comply with the Land Disposal Restrictions contained at 40 CFR Part 268.

Hazardous Waste Number		Subcategory Treatab		ility Group	Treatment Standard Reference	Five Letter Treatment Code	
	14		Wastewater	Non-Wastewater			
	D002	Acid subcategory	X	×	268.42	DEACT	
	D002	Alkaline subcategory	X	×	268,42	DEACT	
	D002	Other (corrosives)	X	×	268.42	DEACT	
B	D003	Reactive cyanides (T&A)	X	х	268.41, 268.43	NA NA	
	D003	Reactive sulfides	Х	x	268.42	DEACT	
	D003	Water Reactive	X	NA .	268.42	DEACT	
	D004	NA ,	Х	X¹	268.41, 268.43	NA NA	
	D005	NA	X	X²	268.41, 268.43	NA NA	
	D006	NA	Х	X²	268.41, 268.43	NA NA	
	D007	NA NA	Х	X¹	268.41, 268.43	NA NA	
	D008	NA NA	X	X²	268.41, 268.43	NA	
	D009	(<260 mg/kg Total Hg)	X	X¹	268.41, 268.43	NA NA	
	D010	NA	X	X²	268.41, 268.43	NA.	
	D011	NA NA	X	X <sup>2</sup>	268.41, 268.43	NA NA	

<sup>&</sup>lt;sup>1</sup> EPA granted 2 yr. extension in effective date on N-WW form and inorganic solids debris (5/8/92).

This form continues to the reverse side.

GM000070 D Roylead 10/91 Rovined 10/92

<sup>&</sup>lt;sup>2</sup> EPA granted 2 yr. extension effective date on inorganic solids debris (5/8/92)

<sup>&</sup>lt;sup>3</sup> Based on EP Toxicity values, TCLP can be used to demonstrate compliance.

<sup>&</sup>lt;sup>4</sup> EPA granted 2 yr. extension effective date on inorganic solids debris, and used refractory brick (5/8/92)

### CYANIDE CERTIFICATION

This is a two part form, send the top white copy with the UHWM, keep the yellow with the generator copy of UHWM for 5 years.  TO:  Heritage Environmental Services, Inc.  7901 West Morris Street Indianapolis, IN 46231
1899 1940 18
FROM: (Please print name of generating facility)
ADDRESS: LIE DE 190 H. M. Denrell Blad.
ADDRESS: LIPERSON H. MY CHENNELL Block.
Heritage Wastestream Number: 17405-2
Uniform Hazardous Waste Manifest Number: 110A0634395 001001-25
This document is intended to notify HERITAGE that we are sending a waste that meets the applicable treatment standard(s) as set forth in Subpart D of 40 CFR Part 268 and the applicable prohibition level set forth in 268.43 or RCRA 3004(d), specifically as the treatment standards apply to cyanide wastes. Our waste and the applicable treatment standard achieved is:  (Please check the proper box and circle the correct EPA hazardous waste code)
Non-Wastewater Form Concentration in mg/kg
F006, F007, F008, F009, F019  Cyanide (T) 590  Cyanide (A) 30
F011, F012 Cyanide (T) 110 Cyanide (A) 9.1
P013, P021, P029, P030, Cyanide (T) 110 P074, P098, P099, P106, P121 Cyanide (A) 9.1
Supporting laboratory analyses are enclosed.
As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes:
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
SIGNED: A broak S Durneyout
PRINT: () Udianamin FOR: (generator) Machine Dunio
DATED:

### TEXAS WA'TER COMMISSION P.O. Box 13087, Capitol Station Austin, Texas 78711-3087



# 001001-2514

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039, expires 09-30

UNIFORM HAZARDOUS  1. Generator's US EPA ID No.	Manifest Document No. 0 2 5 1 4	2. Page of 1			the shaded area by Federal lav
WASTE MANIFEST MODO 0.0.8189.6.3.	0 2 5 1 4		e Manifest Do		
3. Generator's Name and Mailing Address					0532
McDonnell Douglas Corporation, Mail Code 0343530		B. State	e Generator's		1. Cr.
Lindbergh & McDonnell Blvd., Hazelwood, MO 63042		00100	01	9992	29
4. Generator's Phone (314) 232-3319  5. Transporter 1 Company Name  6. US EPA ID 6	Number	C. State	e Transporter'	ID H.	-1191/41297
T   D O O O Q A	8 1 9 3		sporter's Pho		
7 Transporter 2 Company Name 8. US EPA ID N	Number		e Transporter:		
Se PORT LIVERNICHT AL TRANSPORT DE D. T. D. T. S. O. T				187/3-	930-4500
9. Designated Facility Name and Site Address 10. US EPA ID	Number	100	e Facility's ID	132	
Rollins Environmental Services (TX) Inc.			0089001 ility's Phone		
n a new con 2027 Battleground Rd.	4.07.0	k.	3-930-2300	in the same	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nd ID 12. Cont		13.	14.	1
11A. Number)  Neer Park. 14/1536  11A. Number)  Number Park. 14/1536  Number Park. 14/15	No.	Type	Total Quantity	Unit Wt/Vol	Waste No.
X a. RQ Hazardous waste, solid, N.O.S.	1				980450
(contains paint-related material)	10.0.1	lc w 1	1240	Р	D007
ORM-E NA9189 (D007/F002/F003/F005) b.	1001	10.11			
b.	1				si =
		1 1			
c.	L	1 1			
	1	1 - 1	* * * *		
d.					No. of the P
	· · · · · ·				
()					ites Listed Abov
15. Special Handling Instructions and Additional Information	generator."				
"If unable to deliver to designated TSD facility, return to	generations				
Emergency contact: 314-232-2285  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment of the contents of the	ent are fully and acc	urately des	scribed above by I	roper sl	hipping name and a
lacsified packed marked and labeled, and are in all respects in proper condition to	r transport by high	way accor	ding to applicab	le interr	national and nation
government regulations, including applicable state regulations.	dume and toxicity	of waste oe	enerated to the de	gree I h	ave determined to
If I am a large quantity generator, I certify that I have a program in place to reduce the voice of the conomically practicable and that I have selected the practicable method of treatment, store and the conomically practicable and that I have selected the practicable method of the conomical selected the practicable method of the conomical selected the practicable method.	orage, or disposal c	urrently av	ailable to me whi	ch minir v waste	mizes the present a generation and sel
economically practicable and that I have selected the practicable method of reatment, so future threat to human health and the environment; OR, if I am a small quantity generator the best waste management method that is available to me and that I can afford.	r, i nave made a go	o raitire ne	3.1.10	,	
1 2: / .) (	DO F	1			Month Day
Fillitedy (Alfert state)	/ Wales	ky	= 1127 - 1124-201-201-201-		0215
17. Transporter 1 Acknowledgement of Receipt of Materials					Date
Ciontinal	1	7,	1		Month Day
& CHUCK SOTT Ghi	W. R.	Yiel	1		0213
o 18. Transporter 2 Acknowledgement of Receipt of Materials					Date
Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature	11.1	/,	21		Month Day
Printed/Typed Name SHIRLEY (APRILL)	Willin C	42100	2.1		102116
19. Discrepancy Indication Space	/				
F A					
20. Facility Owner or Operator: Sertification of receipt of hazardous materials co	overed by this ma	nifest exc	cept as noted in	Item 1	9.
20. Facility Owner of Operation definition of the Company of the C					Date
Printed/Typed Name 110 0 50 p	1/2	8	-		Month Pay
Printed/Typed Name P. HARRISON Signature	SAP	ans	20		1418
Dial Co	Englis Valla	41-Transn	orter Green-	Genera	tor's first copy



# LAND DISPOSAL RESTRICTION (LI NON-WASTEWATER NOTIFICATIO

	• * *
ection A, B, C, & D Completed by Generator (Instructions on Page	e 2)
SECTION A. GENERATOR NOTIFICATION	
1. GENERATOR: McDonvell Douglas Corporato	2. EPA I.D. NO.: MODOO & 1896 3
3. MANIFEST NO.: <u>001001-2514</u>	
5. PURSUANT TO 40 CFR §268.7, I am notifying (Check One):	
□ RES (NJ) □ RES (LA) RES (TX) □ RES of LA □ O	PC D TET
that under the above RES Waste Stream number, I am shippin	
(Check either (a) or (b) only):	
<ul> <li>A non-wastewater (other than contaminated debris) id have checked in Section D. of this form. Submit Attachm</li> </ul>	entified by the EPA waste code(s) and subcategory(ies) the total for F001-F005, F039, and California List wastes only
b. A hazardous debris waste identified by the EPA waste countries form. Submit Attachment 1 for F001-F005, F039, and	ode(s) and subcategory(ies) that I have checked in Section D and California List wastes only.
PLEASE NOTE: Hazardous debris is solid material exceeding its pores a waste subject to the Land Disposal Restriction requirement for treatment of hazardous debris pursuant to	ing 60 mm particle size and which contains on its surface of the contains of the con
SECTION B. CALIFORNIA LIST APPLICABILITY FOR E	PA HAZARDOUS WASTES
Check one or more box(es) below, if applicable (DOES NOT apply	y to newly listed wastes).
1.   A D001-D011 liquid¹ or non-liquid waste containing haloge 40 CFR §268, Appendix III.	enated organic compounds (HOCs) ≥ 1000 ppm as specified
2.   A liquid¹ hazardous waste containing polychlorinated bipho	enyls (PCBs)² ≥ 50 ppm.
3. ☐ A D001-D017 liquid¹ waste containing ≥ 134 mg/l of nic	kel and/or ≥ 130 mg/l of thallium.
4.   A liquid¹ or non-liquid hazardous waste subject to a Nation List Waste (Refer to Attachment 1 [page 2] for the Californ	nal Capacity Variance which meets the definition of a California List definition).
To determine whether a waste is liquid or contains free IIq Incineration in a TSCA permitted incinerator [RES (TX) only	guld, use the Paint Filter Test (EPA SW-846, Method 9095).
SECTION C. GENERATOR CERTIFICATION (Authorize	d Representative)
I hereby certify and warrant that all the information supplie complete and accurate identification of this waste material.	ed on this form and all associated documents represent
1. Print or Type Name: News Duang	mente 2. Date: 2,15,9-
3. Signature: Deborah S. Warghe	MD' 4. Title: Secretary
2/5/25/1/25/1/	
PLEASE NOTE: If your waste already meets relevant tree Appendix IV or Appendix V Lab Pack, please contact your alternate certification form. For your convenience regions	Rollins Sales/Customer Service office for the additional

back of Attachment 1.

*K* LISTED WASTE CODES Check At Applicable Waste Code(s)								
	(2)	(3)	[4]	(1)	(2)	(3)	[4]	
(1)	40 CFR	40 CFR	40 CFR		40 CFR	40 CFR	40 CFR	
EPA CODE NUMBER	1268.41 CCWE	1268.42 TECH	1268 43 CCW	EPA CODE NUMBER	1268.41 CCWE	\$268.42 TECH	1288.43 CCW	
□ K001	1	N.A.	1	□ K084	NEWL	Y USTED W	ASTE	
O K002	1	N.A.	N.A.	□ K086	Not Currently Regulated			
O K003	1	N.A.	N.A.	□ Kode	Under Land Disposal Restrictions			
□ K004		N.A.	N.A.	□ KO69CS	/	N.A.	N.A.	
O K006		N.A.	N.A.	KOGONCS		NOT ACC		
O KOOSA	1	N.A.	N.A.	O K071	1	N.A.	N.A.	
O KOOSH	1	N.A.	N.A.	□ K073	N.A.	N.A.	1	
□ K007	1	N.A.	N.A.	O K083	1	N.A.	1	
C) K008	1	N.A.	N.A.	D K084	1	N.A.	N.A.	
□ K009	N.A.	N.A.	1	□ K086	N.A.	N.A.	1	
□ K010	N.A.	N.A.	1	□ K086	1	N.A.	1	
O K011	N.A.	N.A.		C K087	-	N.A.		
O K013	N.A.	N.A.	1	C) KOSS	NEAT.	Y USTED W	ASTE	
O K014	N.A.	N.A.	1	□ K090	Not C	urrently Reg Under	ufeted	
D K015	1	N.A.	1	□ K091	Land Di	sporal Regu	fations	
O K016	N.A.	N.A.	1	□ K093	N.A.	N.A.	1	
O K017	N.A.	N.A.	1	□ K094	N.A.	N.A.	1	
□ K018	N.A.	N.A.	1	□ K095	N.A.	N.A.	1	
□ K018	N.A.	N.A.	-	□ K096	N.A.	N.A.	1	
O K020	N.A.	N.A.	-	G K097	N.A.	N.A.		
C K021	/	N.A.	1	O K098	N.A.	N.A.		
O K022	V	N.A.	1	Koss		NOT ACCE		
O K023	N.A.	N.A.	1	D K100	-	N.A.	N.A.	
D K025	N.A.	INCIN	N.A.	□ K101	-	N.A.	N.A.	
O KOZE	N.A.	INCIN	N.A.	O K103	N.A.	N.A.	1	
O K027	N.A.	INCIN	N.A.	D K104	N.A.	N.A.	1	
K028		NOT ACC		D K106	N.A.	N.A.	1	
D K029	N.A.	N.A.	1	K106HM		NOT ACCE	PT	
O K030	N.A.	N.A.	1	C K106LM	1	N.A.	N.A.	
□ K031	1	N.A.	N.A.	C K107	N.A.	INCIN	N.A.	
O K032	N.A.	N.A.	1	O K108	N.A.	INCIN	N.A.	
© K033	N.A.	N.A.	1	□ K109	N.A.	INCIN	N.A.	
O K034	N.A.	N.A.	1	O K110	N.A.	INCIN	N.A.	
O K035	N.A.	N.A.	1	O K111	N.A.	N.A.	1	
□ козв	N.A.	N.A.	1	O K112	N.A.	INCIN	N.A.	
O K037	N.A.	N.A.	1	O K113	N.A.	INCIN	N.A.	
O KOJ8	N.A.	N.A.	1	O K114	N.A.	INCIN	N.A.	
O KO39	N.A.	INCIN	N.A.	D K116	1	INCIN	N.A.	
□ K040	N.A.	N.A.	1	D K110	N.A.	INCIN	N.A.	
O K041	N.A.	N.A.	1	O K117	N.A.	N.A.		
O K042	N.A.	N.A.		D K118	N.A.	N.A.	1	
K043		NOT ACC		D K123	N.A.	INCIN	H.A.	
O K044	N.A.	DEACT	N.A.	O K124	N.A.	INCIN	N.A.	
© K046	N.A.	DEACT	N.A.	O K126	N.A.	INCIN	N.A.	
O K047	N.A.	N.A. DEACT	N.A.	O K126	N.A.	INCIN	H.A.	
O K048	7	N.A.	<b>√</b>	C K132	N.A.	N.A.	1	
□ K049	-	N.A.	1	D K138	N.A.	N.A.	1	
O K050	1	N.A.	1	D K141			*	
□ K061	1	N.A.	1	C K142	NEW	r LISTED W	ASTE	
□ K062	1	N.A.	1	O K143	HEINL	. CISTED W	nait.	
D K080	N.A.	N.A.	1	C K144				
K061		NOT ACC		□ K146	Not Cu	arrently Regu	betsk	
				C K147	Land Di	Under sposal Restr	ictions	
O K082	/	N.A.	N.A.	C K148		2	J J	

"P" LISTED WASTE CODES										
[1]	(2)	(3)	(4)	Ē						
	40 CFR	40 CFR	40 CFR							
EPA CODE	1208.41	1200,42	1268.43							
NUMBER	CCME	TECH	ccw							
D P001	N.A.	INCIN	N.A.							
D P002	N.A.	INCIN	N.A.							
□ P003	N.A.	INCIN	N.A.	i						
D P004	N.A.	N.A.	1							
D P006	N.A.	INCIN	N.A.	i						
D P006	N.A.	INCIN	N.A.							
□ P007	N.A.	INCIN	N.A.	ĺ						
□ P008	N.A.	INCIN	N.A.							
D P009	N.A.	INCIN	N.A.							
D P010	1	N.A.	N.A.							
□ P011	1	N.A.	N.A.							
D P012	1	N.A.	N.A.							
	-		-							
D P013		N.A.								
D P014	N.A.	INCIN	N.A.							
P015		NOT ACC	EPT							
□ P018	N.A.	INCIN	NA.							
O P017	N.A.	INCIN	N.A.							
D P018	N.A.	INCIN	N.A.							
□ P020	N.A.	N.A.	1							
D P021	N.A.	N.A.	1							
D P022	N.A.	INCIN	N.A.							
O P023	N.A.	INCIN	N.A.							
□ P024	N.A.	N.A.								
D P026	N.A.	INCIN	N.A.							
D P027	N.A.	INCIN	N.A.							
D P028	N.A.	INCIN	N.A.							
D P029										
	N.A.	N.A.	-							
D P030	N.A.	N.A.	1							
D P031	N.A.	INCIN	N.A.							
D P033	N.A.	INCIN	N.A.							
D P034	N.A.	INCIN	N.A.							
□ P036	1	N.A.	N.A.							
O PO37	N.A.	N.A.	1							
O P038	1	N.A.	N.A.							
D P038	N.A.	N.A.	1							
C P040	N.A.	INCIN	N.A.							
□ P041	N.A.	INCIN	N.A.							
D P042	N.A.	INCIN	N.A.							
D P043	N.A.	INCIN	N.A.							
D P044	N.A.	INCIN								
D P045	N.A.	INCIN	N.A.							
D P048			N.A.							
	N.A.	INCIN	N.A.							
D P047	N.A.	INCIN								
D P048	N.A.	N.A.								
G P048	N.A.	INCIN	N.A.							
D P060	N.A.	N.A.								
D P061	N.A.	H.A.	1							
D P064	N.A.	INCIN	N.A.							
D P066	N.A.	ADGAS	N.A.							
C P067	N.A.	INCIN	N.A.							
C P058	N.A.	INCIN	N.A.							
C P059	N.A.	N.A.	1							
C PC60	N.A.	N.A.								
C P062	N.A.	INCIN	N.A.	-						
				- [						

		Check AE A	oplicable Wast
		(5)	[3]
	EPA CODE	40 CFR	
(45	NUMBER	1268.41	1268.42 TECH
	O P063	N.A.	N.A.
	□ P064	N.A.	INCIN
	PO65HM	+	O NOT ACCI
	D POSSLM	1	IMERC
	D P086	N.A.	MCIN
	D P067	N.A.	INCIN
	D P068	N.A.	INCIN
	□ P069	N.A.	MCIN
	D P070	N.A.	INCIN
	O P071	N.A.	H.A.
	□ P072	N.A.	INCIN
	D P073	7	1
	D P074	1	H.A.
	C) P076	N.A.	H.A.
	P076		INCIN
	D P077		NOT ACCE
- 1	P078	N.A.	M.A.
-	P081		HOT ACCE
	D P082	N.A.	INCIN
	D P084	N.A.	INCIN
	D P086	N.A.	INCIN
ı	P087	N.A.	INCIN
ŀ	□ P088		HOT ACCE
E	□ P089	N.A.	INCIN
F		N.A.	H.A.
ŀ	POSZHM		MOT ACCE
h	POPZLM		IMEAC
H	P093	N.A.	INCIN
- b	D P094	N.A.	N.A.
E	□ P096	N.A.	INCIN
E	□ P096	N.A.	INCIN
E	3 P097	N.A.	N.A.
E	P098	N.A.	N.A.
E	D P099		N.A.
r	D P101	N.A.	HA
- 11	D P102	N.A.	INCIN
- 1-	D P103		N.A.
- b	J P104	1	HA
. It	D P106	N.A.	INCIN
- 1-	J P106	N.A.	N.A.
- 1-	) P108	N.A.	INCIN
- 1-	) P109	N.A.	INCIN
- }-	P110	1	H.A.
- 1	D P111	N.A.	INCIN
- }-	3 P112	N.A.	INCIN
r	3 P113	N.A.	STABL
h	J P114	1	N.A.
-1-	3 P116	N.A.	STABL
12	P116	N.A.	INCIN
- }-	P118	N.A.	INCIN
_	P119	N.A.	STABL
E	P120	N.A.	STABL
E	P121	N.A.	N.A.
E	P122	N.A.	INCIN
b	P123	N.A.	N.A.
_			

# ADDITIONAL LDR NOTIFICATION • F001-F005, F039

## ATTACHME! NON-WASTEWA

NOTIFICATION FOR FOO		1. Table CCWE - Const	tuent Con-	centirations in Waste Extract		·
			NWW	REGULATED	NWW	
REGULATED	NWW	REGULATED HAZARDOUS	CONC.	HAZARDOUS	CONC	PLEASE NOTE: The treatment
HAZARDOUS CONSTITUENT	CONC.	CONSTITUENT	(mg/l)	CONSTITUENT	(mg/l)	for these constituents apply to FOO5 wastes which contain o
CONSTITUCIO						two, or all three of these const
Carbon disulfide	4.81	Cyclohexanone	0.76	Methanol	0.75	
		2. Table CCW Co	netituent (	Concentrations in Westes		
REGULATED	NWW	REGULATED	NWW	REGULATED	NWW	REGULATED HAZARDOUS
HAZARDOUS	CONC.	HAZARDOUS	CONC.	HAZARDOUS CONSTITUENT	CONC.	CONSTITUENT
CONSTITUENT	Img/kgl	CONSTITUENT	(mg/kg)	CONSTITUENT		
Acetone	160	o-Dichlorobenzene	6.2	Methyl isobutyl ketone	33	1,1,2-Trichlorosthane
Benzene	3.7	Ethyl scetate	33	Nitrobenzene	14	Trichloroethylene
n-Butylaicohol	2.6	Ethyl benzene	6.0	Pyridine	16	1,1,2-Trichloro-
Carbon tetrachloride	5.6	Ethyl ether	160	Tetrachloroethylene	5.6	1,2,2-trifluoroethane
Chlorobenzene	5.7	isobutyl alcohol	170	Toluene	28	Trichloromonofluro-
	3.2	Methylene chloride	33	1.1.1-Trichloro-		methane
Cresol (m- & p-isomers)			36	ethane	5.6	Xylene (Total)
o-Cresol	5.6	Methyl ethyl ketone	1 30		<u></u>	
		UP OF LEADUATE				
NOTIFICATION FOR FO	39 MULTI-SC	OURCE LEACHATE	alaa. Ca	incentrations in Waste Extract		
		1. Table CCWE Con			T	050111 4 750
REGULATED	NWW	REGULATED	NWW	REGULATED	CONC.	REGULATED HAZARDOUS
HAZARDOUS	CONC.	HAZARDOUS CONSTITUENT	CONC. (mg/l)	HAZARDOUS	(mg/l)	CONSTITUENT
CONSTITUENT	(mg/l)	CONSTITUENT			0.025	Silver
Antimony	0.23	Cadmium	0.066	Mercury	1	Suver
Arsenic	5.0	Chromium (Total)	5.2	Nickel	0.32	
Barium	52.0	Load	0.51	Selenium	5.7	
		2. Table CCW - C	onetituent	Concentrations in Westes		
REGULATED	NWW	REGULATED	NWW	REGULATED	NWW	REGULATED
HAZARDOUS	CONC.	HAZARDOUS	CONC.	HAZARDOUS	CONC.	HAZARDOUS
CONSTITUENT	(mg/kgl	CONSTITUENT	(mg/kg)	CONSTITUENT	(mg/kg)	CONSTITUENT
Acetone	160.0	Benzo(alanthracene	8.2	bis(2-Chloroethoxy)	7.2	o.p'-DDD
Acenaphtalene	3.4	Benzo(b)fluoranthene	3.4	methane	1	p.p'-DDD
Acenaphthene	4.0	Benzo(k)fluoranthene	3.4	bis(2-Chloroethyl) ether	7.2	o,p'-DDE
	9.7	Benzolg,h,i)perylene	1.5	Chloroform	5.6	p.p'-DDE
Acetophenone			8.2	bis(2-Chloroisopropyl) ather	7.2	o,p'-DDT
2-Acetylaminofluorene	140	Benzolalpyrene	15	p-Chloro-m-cresol	14	p.p'-DDT
Acrylonitrile	84	Bromodichloromethane		p-Chord-III-Cresor	+	Dibenzols,hjanthracene
Aldrin	0.066	Bromoform	15	Chloromethane (Methyl	33	
Aniline	14	Bromomethane (methyl	15	Citional		m-Dichlorobenzene
Anthracene	4.0	bromide)		2-Chloroaphthalene	5.6	o-Dichlorobenzene
Aroclor 1016	0.92	4-Bromophenyl phenyl ether	15	2-Chlorophenol	5.7	p-Dichlorobenzene
Aroclor 1221	0.92	n-Butyl alcohol	2.6	3-Chloropropene	28	Dichlorodifluoromethane
Aroclor 1232	0.92	Butyl benzylphthalate	7.9	Chrysene	8.2	1,1-Dichloroethane
Aroclor 1242	0.92	0.0046	1	o-Cresol	5.6	1,2-Dichlorosthane
	0.92	2-sec Butyl-4,6 dinitrophenol	2.5	Cresol (m- and p-isomers)	3.2	1,1-Dichloroethylene
Aroclor 1248		Co to a secretarida	5.6		1	trans 1,2-Dichloroethene
Aroclor 1254	1.8	Carbon tetrachloride		1,2-Dibromo-3- chloropropane	15	2,4-Dichlorophenol
Aroclor 1260	1.8	Chlordane	0.13		. 63	<u> </u>
alpha-BHC	0.066	p-Chloroaniline	16	1,2-Dibromoethane  Ethylene dibromidel	15	2,6-Dichlorophenol
beta-BHC	0.066	Chlorobenzens	5.7			1,2-Dichloropropane
	0.000	1	1	Dibromomethane	15	cis 1,3-Dichloropropane
delta-BHC	0.066	T Culotagiptome.	15			<del></del>
delta-BHC	0.066	Chloredibrome-	15	2.4-Dichlorophenoxyacetic	10	trans 1,3-Dichloropropens

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET.

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

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#### MIS! OURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

### HAZARDOUS WASTE MANIFEST

EMERGENCY ŘESPON U.S. COAST GUARE 1-800-424-8802 CHEM TREC 1-800-424-9300 DEPT. OF NATURAL RESC 314-634-2436

Form Approved OMB No 2050-0039, Expires 9-30-9 Please print or type (Form designed for use on elite (12-pitch) typewriter.) 1. Generator's US EPA ID No. Manifest Document No 2. Page \_\_\_\_\_\_\_ Information in the shaded areas UNIFORM HAZARDOUS is required by State law. of 10 12 15 11 **WASTE MANIFEST** 15 (D) (C) (C) (C) (S) (1 (E) (9) A. Missouri Manifest Document Number 3. Generator's Name and Malling Address
| McDonnell Douglas Corporation, Hailcode 0343530 0.0 (1.0 (0.1) Lindbergh & McDonnell BLvas., Hazelwood, No 63042 B. G.S.I. (Gen. Site Address) Same 001001 232-3319 6. US EPA ID Number C. MO. Trans. ID 11-1431 5. Transporter 1 Company Name D. Transporter's Phone 201-558-5001 Schneider Tank Lines, Inc E. MO. Trans. ID . H 1273 8. US EPA ID Number 7. Transporter 2 Company Name F. Transporter's Phone 765-849-947-9. Designated Facility Name and Site Address ILHDIOSVICEOHOX G. State Facility's ID. 10. US EPA ID Number CHD980587364 Safety-Kleen, Hebron Recycle Center H. Facility's Phone 581 Millikan Drive SE 614-929-3532 36161916101518171 2 (6.4) 43025 Hebron. Ohio 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Total I. Waste No Туре Number Quantity Wt/Vol **FPA WASTE CODE** 10 10:11 Waste TrichlordetHylene URITA UN1710 (F001/0040) **EPA WASTE CODE** b. STATE EPA WASTE CODE ATO 羅河岸上江 STATE See Living EPA WASTE CODE 100 STATE J. Additional Descriptions for Materials Listed Above - COMMENTS also 8040 S.G. 1.2 NO ID 041 Control# 8.74 b. 3 đ. 15. Special Handling Instructions and Additional Information "If unable to deliver to designae ted TSD facility, return Emergency Contact: 314-232-2285 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, market and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practically and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment of the arms a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford. Month Signature aguer Date 17. Transporter 1 Acknowledgement of Receipt of Materials Day Month Printed/Typed Name ANSPORTER 12,219; ORGC 18. Transporter 2 Acknowledgement of Receipt of Materials Signati Printed/A voed Name 19. Discrepancy Indication Space Reject 6 drums of item 11/A due to low flash and send to Safeety Kleen 40050 KYD053348108 502/845-3452 per telephone conversati Corp. S. Hwy 146 New Castle, KY with Annette Wagner-Banks and Diane sturm 2-9-93. Accepted remaining drums. 31 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest expept as noted in Item 19. Date Day Month Printed/Typed Na

## FEB 17 '93 11:19 BLDG 33 LVL6 LAND DISPOSAL RESTRICTIONS NOTIFICATION

McDonnell Douglas Corporation - St. Louis P.O. Box 516, MC 0343530, St. Louis, MO 63166 (314) 232-3319

(314) 2	32-3319
Generator EPA ID: MDD000818963	EPA Waste ID: Food-Food-Foos-Do
Hanffest No.: COIOOI-2507	Facility Wastestream No.:045
This form is submitted in compliance wit	
I. WASTE IDENTIFICATION  Identify all U.S. EPA hazardous waste num group(s) applicable to this waste shipmen A. DOO1:  1 ignitable Liquids: (a) NWW TOC 4	≥107; b) NWW <sup>1</sup> 17 to <107 TOC; c) WW <sup>2</sup> _3) Ignitable Renctives; 4) Cxiditers  _3) Other Corrosives  Reactive Sulfides; 3) Explosives; Other Reactives  .ow Mercury; 2) High Hercury Filters/Aids & Desiccants  IGC  IBERS SUBCATEGORIES (IF APPLICABLE)
H. Treatability Group ( N not previously Wastewater; Non-Wastewater;	
(CCWE) per 40 CFR 268.41.  B. Restricted wastes with EPA hazardou have treatment standards expressed per 40 CFR 268.43.  C. Restricted wastes with EPA hazardou have treatment standards expressed List the applicable five-letter treatment incomparison waste number at the subject to the land disposal process wastes with EPA hazardous waste number subject to the land disposal process.	as constituent concentrations in waste extract  s waste number(s) FOO2-FOO3-FOO5  as constituent concentrations in waste (CCW)  s waste number(s) DOO1  as a specific technology per 40 CFR 268.42.
<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater	

F. Waste for which applicable treatment standards must be listed completely:

1.) Spent Solvents

If U.S. EPA # F001, F002, F003, F004 or F005 appear in Section I, check all individual constituents contained in these wastes(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5	CCVy (In	1 mg/l) , ,	F001-5	CCW (	n mg/l) " 📜 🗡
Spent Solvents	WW	ng/i)₁ NWW¹	Spent Solvents	WW <sup>2</sup> _	n mg/l)
Acetone Benzene	0.28 0.070	160 3.7	Methyl Ethyl Ketone Methyl Isobutyl Ketone		36 33
n-Butyl Alcohol Carbon Tetrachloride Chlorobenzene	5.6 0.057 0.057	2.6 5.6 5.7	Nitrobenzene Pyridine Tetrachloroethylene	0.068 0.014 0.058	_
Cresols(m- & p-lsome:s) o-Cresol	0.77 0.11	3.2 5.6	Zokuene 1,1,2-Trichioro-	80.0	28
o-Dichlorobenzerie Ethyl Acetale Ethylbenzene	0.083 0.34 0.057	6.2 33 6.0	1,2,2-Thiluckcollishe 1,1,1-Trichloroethane 1,1,2-Trichloroethane	0.057 0.064 0.030	28 5.6 7.6
Ethyl Ether Isobutyl Alcohol	0.12 5.8	160 170	≥ Inchloroethylene Trichloromono-	0.054	5.6
Methylene Chloride	0.089	33	fluoromethane Xylene	0.02 0.32	33 28
	CCWE (	n mg/I)	- Те	chnology	Code
Carbon Disulfide Cyclohexanone Methanol	N/A N/A N/A	4.8 0.75 0.75	2-Nkropropane 2-Ethoxyethanol	INCIN	INCIN

2) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section I is a liquid hazardous waste, including free liquids associated with any solid or studge, containing the following constituents or characteristics:

Nickel and/or compounds (as Ni)	≥134 mg/l
Thaillum and/or compounds (as Ti)	≥130 mg/t

Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

thereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is awars of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Skinsture Kebresh () wagnentille Secretary

Date 2-17-92

LUMBE

6		279	AGENCY DIVISION OF LAND PO		761 FC		HAZARDOUS INFECTIO
E		46 - 107 - 111 s	tate Form LPC 62 8/81 IL5	32-0610	AA	D SPECIAL WAST	
		EASE TYPE (Form designed for use on e 2-pitch) typewriter) UNIFORM HAZARDOUS  1. Generator's U	EPA Form 8700-22   S EPA ID No. N	Rev. 9-88 Manifest	2. Page 1		0-0039, Expres 9-30-9 he shaded areas is r
	IT	WASTE MANIFEST MODO00818	QK3 1 Doc	ument No. 506	01 1	required by Fed	eral law, but is requir
03	П	3. Generator's Name and Mailing Address Locat McDonnell Douglas Corporation, Mai	ion If Different:		A. Illinois Manif	est Document	Number MANIFEST
g 063		Lindgergh & McDonnell Blvds., St.	louis. MO 63042		B.Illinois	<u>90944</u>	FEE EXEMP
70		4. Generator's Phone ( 314 ) 232-3319	20013, 710 000 12		Generator's	929 13	895021
	П	5. Transporter 1 Company Name 6.	US EPA ID Number		C.Illinois Trans	porter's ID	126
	П		W I D 9 8 0 9 0 4	7 4 2	D.(გეე) 558	3-5091 Tr	ansporter's Phon
	П	7. Transporter 2 Company Name 8. None	US EPA ID Number		E. Illinois Trans		
	Н	Designated Facility Name and Site Address	US EPA ID Number		F.( ) G.Illinois	<u>Tr</u>	ansporter's Phon
	П	Safety-Kleen Envirosystems			Facility's	0810	69000
		633 East 138th Street			H. Facility's Ph	one	
	П	Dolton, Illinois 60419  11. US DOT Description (Including Proper Shipping Name, Hazz	ILD980613	-			
	П	11.05 DOT Description (including Proper Snipping Name, Hazi	ard Class, and ID Number)	12.Conta	To	3.   14.   Unit	Waste No.
	G	a. RQ Waste ORM-A, N.U.S (contains chl	origanakod solvoni		Type Qua	ntity Wt/Vo	EPA HW Number
1021	E	ORM-A NA1693 (F001/F002/D040)	OF TANHACEU SOLVEIN	1		a	XXIFI 001
	E	b. RQ Waste Paint Related Material		005	DM 000	C75 1 x	
1166	R	Flammable Liquid UN1263					X X F () ()
V	A T	(F0U3/F005/D001/D007/D018/D035)		0:23	Dis Ollo	1,651	O O I 6 I
1	0	c. RQ RQx Wakste Flammable Liquid, N.O	.S. (contains				EPA HW Number
252	R	flammable/chlorinated solvents) Fla	mmable Liquid	0 01	Did a a		Authorizzton Numb
-		d. UN1993 (F002/F003/D001/D007/D008/D0	00/00/0	0.02	DIA O'O'I	1 0 1	EPA HW Number
402		RQ Waste ORM-SA, MN.O.S. (contains with chlorinated solvents) ORM-A	MA1602		,		XXFOO
	Н	( E001 /E002 /D020 /D040 \		0 25	DM 0,1	3751	p *p**********************************
		a. also FUU2/U040 Control #036284-	5 , S.G. 0.9 MO ID.	041	K. Handling Co In Item #14		
	-	b. also F005/D001/D00//D008/D035 Co	ntrol #036219 S.G.	0.8 (	M = Gallon	0432 =	Cubic Yarde
		c. also F003/D001/D007/D008/D035/D0 d.m3% also F002/D039/D040 Contro	40 Control#89269-8 1 #036363 SC 0 96	MO TO	12 MU ID (	3 >	01/502/205
			1 #030203 30 0.80	יוס דַט	047		01/2021805
	Ш	15. Special Handling Instructions and Additional Information  "If unable to deliver to designa	ted TSD facility	rotusr	**	naton II	
		Emergency Contact: 314-232-2285	ted 13b racifficy,	recurr	i to gener	acor.	
	П				<u> </u>	511938	29
		<ol> <li>GENERATOR'S CERTIFICATION: I hereby declare that the contents of proper shipping name and are classified, packed, marked, and labeled</li> </ol>	, and are in all respects in proper of	ccurately de	scribed above by		
		according to applicable international and national government regulation	ons.				
		If I am a large quantity generator, I certify that I have a program in p economically practicable and that I have selected the practicable me	thod of treatment, storage, or dis-	nosal currer	ativ available to m	which minimiz	see the proceed and
		future threat to human health and the environment; OR, if I am a sm the best waste management method that is available to me and that I	can afford.	e a good fai	th effort to minim	ize my waste ge	eneration and select Date
	J	Arnette Wagne Banks	Signalure W	2-	6.		Month Day Y
	<u> </u>	17. Transporter 1 Acknowledgement of Receipt of Materials	C xide W	yner	- Want	25	01219
	R	Printed/Typed Name	Signature				Date  Month Day Yi
	ANSP	JAMES P (ROLL	James James				01219.
	O R T	18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signatura				Date
	Ė	Timed/Typed Name	Signature				Month Day Ye
		19. Discrepancy Indication Space 3 - Corrected	III. Gon ID I	t - 3 er	O. Qua	- באיצהל:-	2/19/93-0
	F A			. \		.2	
	C						
	7	20. Facility Owner or Operator: Gertification of receipt of hazardo	ous materials covered by this r	manifest ex	cept as noted i	n item 19	Date
	Y	Reinted/Typed Name	Sippappe	1	1 22		Month Day Ye
	Щ	list book is sufficient to service to the Brief States Could the States	Mudll	m 11	Zuns		01219
	DT Cd	his Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111's Section 21, operator of not to exceed \$25,000 per day of violation, Fatsification of this information may result is enter.	mat this information be submitted to the Agn a fine up to \$50,000 per day of vipiation an	ency Failure to nd imprisonment	provide the information up to 5 years. This for	may result in a civil m has been approved	penalty against the owner by the Forms Managemen
		COPY 1. TSD MAIL TO GENERATOR COPY	-				

McDonnell Douglas Corporation - St. Louis P.O. Box 516, MC 0343530, St. Louis, MO 63166 (314) 232-3319

	tor EPA ID: mobooo818963 EPA Waste ID: FOOI /FOUL/BOYO
Manifes	st No.: 123190944   01001-2506 Facility Wastestream No.: 041
	orm is submitted in compliance with 40 CFR 269.
I. WAST	TE IDENTIFICATION
A. D	ntify all U.S. EPA hazardous waste number(s), subcategory(ies) and treatability up(s) applicable to this waste shipment.
_	lignitable Liquids:a) NWW <sup>1</sup> TOC ≥10%;b) NWW <sup>1</sup> 1% to <10% TOC;c) WW <sup>2</sup> 2) Ignitable Compressed Gases;3) Ignitable Reactives;4) Oxidizers
D. D	2) Alkaline;3) Other Corrosives  2) Alkaline;3) Other Corrosives  3) Explosives;4) Water Reactives;5) Other Reactives
	D009:K106:U151:1) Low Mercury;2) High Mercury  025:1) Light Ends; 2) Spent Filters/Aids & Declerants
G. A	061:1) Low Zinc;2) High Zinc  LL OTHER U.S. EPA HAZARDOUS WASTE NUMBERS SUBCATEGORIES (IF APPLICABLE)  TOO! FOOJ DOYO  Note
=	
н. Т	reatability Group (if not previously indicated):
II. LAND	DISPOSAL RESTRICTIONS
<u>X</u> _A.	Restricted wastes with EPA hazardous waste number(s) FOOIFOOA DOYO have treatment standards expressed as constituent concentrations in waste extract (CCWE) per 40 CFR 268.41
	1
D.	Restricted wastes with EPA hazardous waste number(s)
	have treatment standards expressed as constituent concentrations in waste (CCW)
c.	Restricted wastes with EPA hazardous waste number(s)
	have treatment standards expressed as a specific technology con 40 cm acc.
	Treatment and.
D.	INCIN: DEACT: STARL: Other
	having a not subject to the land disposal problems.
E.	not subject to the land disposal prohibition until  Wastes with EPA hazardous waste number(s)  to other variance, extention or exemptions: Secrific
	to other variance, extention or exemptions: Specify
	<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater

McDonnell Douglas Corporation - St. Louis P.O. Box 516, MC 0343530, St. Louis, MO 63166 (314) 232-3319

Generator EPA ID: NOD 0008189 6 ₹	EPA Waste ID: F003/F005/D00/D007 D018/D035
Manifest No.: 1L 3290944/01001-2506	Facility Wastestream No.: 043
This form is submitted in compliance with 40	CFR 269.
I. WASTE IDENTIFICATION  Identify all U.S. EPA hazardous waste number(s group(s) applicable to this waste shipment.  A. D001:  1	
H. Treatability Group (if not previously indicated wastewater; Non-Wastewater; List and II. LAND DISPOSAL RESTRICTIONS  A. Restricted wastes with EPA hazardous waste have treatment standards expressed as considered wastes with EPA hazardous waster have treatment standards expressed as considered used to CFR 268.41.  B. Restricted wastes with EPA hazardous waster have treatment standards expressed as considered used to CFR 268.43.  C. Restricted wastes with EPA hazardous waster have treatment standards expressed as a special to the applicable five-letter treatment INCIN:  DEACT:  DEACT:  STABL: Other  D. Wastes with EPA hazardous waster number(s) treatment standard based on incineration a not subject to the land disposal prohibiting.  E. Wastes with EPA hazardous waster number(s) to other variance, extention or exemptions	e number(s) FD03/F005/5007/5009/503 stituent concentrations in waste extract number(s) stituent concentrations in waste (CCW) number(s) secific technology per 40 CFR 268.42. code:
<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater	

Page 1 of 2

[OVER]

McDonnell Douglas Corporation - St. Louis P.O. Box 516, MC 0343530, St. Louis, MO 63166 (314) 232-3319

Generator EPA ID: MOO 0008,8963	EPA Waste ID: F004/5003/8001/8007/8008
Manifest No.: 123290944 01001-2506	Facility Wastestream No.: 045
This form is submitted in compliance with 40	
I. WASTE IDENTIFICATION  Identify all U.S. EPA hazardous waste number(group(s) applicable to this waste shipment.  A. D001:  1	ignitable Reactives;
(CCWE) per 40 CFR 268.41.  B. Restricted wastes with EPA hazardous wast have treatment standards expressed as comper 40 CFR 268.43.  C. Restricted wastes with EPA hazardous wast have treatment standards expressed as a subject to the land disposal prohibits.	te number(s) FWJ FW 3 5007 500 4 5035 / instituent concentrations in waste extract  te number(s)  istituent concentrations in waste (CCW)  e number(s)  pecific technology per 40 CFR 268.42.  code:  having a and are contaminated scil and debris, are
E. Wastes with EPA hazardous waste number(s) to other variance, extention or exemptions	
<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater	

McDonnell Douglas Corporation - St. Louis P.O. Box 516, MC 0343530, St. Louis, MO 63166 (314) 232-3319



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZAR DOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3178

#### **FACILITY SUMMARY REPORT** PART I

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	ADDRESS FOR THE FACILI	TY SITE CHANGES		THE DEPONING A P
NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHE	R PRINT OR TYPE			
SECTION A - REPORT IDENTIFICATION	SAME AND A SAME		\$ 18 h	The state of the state of
IMPORTANT: ALL MISSOURI BASED FACILITIES THAT RECLAIM, TR		ENDING (CHECK O	E & FILL IN YE	AN 2 PAGE
STORE, OR DISPOSE HAZARDOUS WASTE ON-SITE SHALL REPORT		T		
TYPE, QUANTITY AND HANDLING METHOD USED FOR EACH WARREST FOR THE SOURCES. ALL FACILITIES MUST REP	O D T Million			
QUARTERLY.	₩ 3-31- <u>93</u> γ	EARI D 6-30	- YEAR	1 of 17
SECTION B. FACILITY IDENTIFICATION	F-12 16 (1994) 11 11 11		2 - 1 - 1	"Start San San S
2. FACILITY NAME X SAME AS LABEL	The state of the s			
McDonnell Aircraft Company				
4. FACILITY CONTACT PERSON (NAME)   SAME AS LAREL		TELEPHONE NUM	BEA	
Joseph Haake			314-23	2-3319
& MAILING ADDRESS	CITY		STATE	ZIP CODE
P.O. Box 516, Mail Code 0343530	St. Louis		MO	63166
& PLANT SITE ADDRESS SAME AS LABEL	CITY		STATE	ZIP CODE
McDonnell & Lindbergh Blvd.	onnell & Lindbergh Blvd. Hazelwood			63042
7. NAME OF PARENT FIRM			OFFICE USE	OHLY
HcDonnell Douglas Corporation			1	
SECTION C - COMMENTS				

S	ECT	ON	D -	CERT	<b>IFICAT</b>	ION	STAT	EMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information

PRINT NAME	SIGNATURE		DATE
submitting false information	n, including the possibility of fine and imprise	onment.	•
I believe that the submitte	d information is true, accurate, and comp	lete. I am aware that there are s	significant penalties for
		is immined attent toob our pion of on	remining the mitothigholi

ROBERT H. KAATMAN

Je / Trail



P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

#### **FACILITY SUMMARY REPORT** PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AN IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.18963

FACILITY'S MISSOURI

R . R. O. 2 . 6 . 8

	OTE PLEASE READ INSTRUC							
S	ECTION E - REPORT IDENTIFICAT	ION (A	S SHOWN ON PART I)		344		(45) (HES)	S. C. S.
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL		2. PAGE	NOTE: SUMMARIZE TH	IE AL	JOUNT	OF WASTE	DECEIVE
	9-30(YEAR)	EAR)	2 OF 17	AND HOW IT WAS HAND	LED F	ROM A	N INDIVIDUA	AL SOURC
	Ø 3-31- 93(YEAR) □ 6-30(Y	EAR)	OF 1/	ON THIS PAGE. ADI	OITIC	NAL P	AGES NEE	D TO B
				COMPLETED FOR EACH	INDIV	/IDUAL	SOURCE.	
S	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST THE SOURCE	OF THE WASTE LISTED O	NTH	IS PAG	Fì	90550000
3. (	GENERATOR'S NAME		4. IMPORTANT: IF TH	E WASTE IDENTIFIED ON THIS			R'S U.S.EPA I.D.	NUMBER
			SITE - CHECK THIS	ENERATED AND MANAGED ON-				
	McDonnell Douglas Corporat	ion			M·	0 ·D ·0	0 0 8 1	·8 ·9 ·5
6. (	SENERATOR'S ADDRESS	CITY		STATE ZIP CODE	7. GI	ENERATO	R'S MISSOURI LE	D. NUMBER
	6951 North Hanley Road, Ha	70]wo	od MU 63043		馬與	-		
	ossi norch hantey koad, ha	261 WO	ou, mu 03042			U.	0.1.2.4	. 9
S	ECTION G - WASTE IDENTIFICATION	ON -			1			
(S	UMMARIZE THE AMOUNT OF WASTE F	ROM T	HE ABOVE LISTED GENE	RATOR AND HOW IT WAS HA	NDLE	D AT Y	OUR SITE	
L	8.	9. DOT	10.	11.,	12.	13.	14	
N	DESCRIPTION	HAZARD	EPA HAZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC		DLING IDE
Ε	OF WASTE	CODE	WASTE NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FIRAL
7	Debris from aircraft		D 0 0 7 F 0 0 2				***************************************	TMAL
1	servicing/painting	15	F 0 0 3 F 0 0 5	2,760	p	•	S. V.	
	Oil contaminated with		F 0 0 1 F 0 0 2	2.700	<u> </u>	-	2 11 1	
2	chlorinated solvents	1 3	D 0 3 9 D 0 4 0	490	P			<u>.</u>
	Oil contaminated with		F 0 0 2 F 0 0 3	490	_P	•	S 0 1	151
3	chlorinated solvents	1 3	F 0 0 5	1,469	D		6,0	
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4	painting/metal cleaning	0 8	D 0 0 1 D 0 0 7	160	D			_ ·
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Line 1: Additional final handling code: T50

Lines 2,3,4: Additional final handling code: TO3



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

### FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME A IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R. R. O. 2. 6. 8

	NOTE PLEASE READ INSTRU	CTION	SANDEIT	HER PRINT	OR TYPE							
	SECTION E - REPORT IDENTIFICA	TION	S SHOW	VON PART	OR TYPE					100		
	1. FOR THE PERIOD ENDING (CHECK ONE & FIL	L IN YEAR	2. PAG	E	The second of the second						1100元	300
B	9-30- (YEAR) 12-31-		1	-	NOTE:	SUMMARIZE T	HE A	MOUNT	OF	WAST	E BEC	·EIV
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Line 1 additional final handling code: T50

Lines 2,3,5,6 additional final handling code: TO3



MISSOURI DEPARTMENT OF NATURAL RESOURCES BE HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE CORVIN	IO FORM		-		
BEFORE COPYING TO THE PROPERTY OF THE PROPERTY	IG FORM,	ENTER	THE	FACILITY	MAAAM
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FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI

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Ш	NOTE PLEASE READ INSTRU	OTION				. 0 . 0				
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Lines 1,2 additional final handling code: T03

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation,



JEFFERSON CITY, MISSOURI 65102

(314) 751-3176 FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8.1.8.9.6.3

FACILITYS MISSOURI

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MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFOR HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SHIMMARY DEDORT

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FACILITY NAME McDonnell Douglas Corporation

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Lines 1,2 additional final handling codes: TO3



P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

### FACILITY SUMMARY REPORT **PARTII**

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE FACILITY NAME AN IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

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	OTE PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE													
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Line 2: Additional final handling code:

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

### FACILITY SUMMARY REPORT PARTII

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE FACILITY NAME AN IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

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	2000 -				STATE ZIP CODE	7. G	ENERATO	DA'S MISSOURI	D MINIST
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Lines 1, 4, 5 additional final handling codes: TO3

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation,



JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

### FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE FACILITY NAME AN IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI

R. R. O. 2. 6.8

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SECTION F - GENERATOR IDENTIF	ICATIC	M (LIST I	HE SOURCE	OF THE WASTELIST	ED ON TH	IS PA	CE) e	
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McDonnell Douglas Comme			TE - CHECK THIS		-	CHENNI	DN S U S EPA I	D. NUMBER
McDonnell Douglas Corpor	ation	- 1			I I M	0.0.	9.8.5.7	.7 .1 .8 .0
6. GENERATOR'S ADDRESS	CITY			STATE ZIR CODE				
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(SUMMARIZE THE AMOUNT OF WASTE	FROM I	HE ABOVE	LISTED GEN	ERATOR AND HOW IT W	AS HANDI	ED AT V		
DESCRIPTION	001		10.	11.	12.	13.	TOUR SITE	
OF WASTE	HAZARO	EPA HA	ZARDOUS	TOTAL AMOUNT	UNIT	1	I NA	NOLING
E OF WASIE	CODE	WASTE	NUMBER	OF WASTE	OF	SPECIFIC		3000
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servicing/painting	1 5	B 0 0	1 F O O 2					
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ECTION H. COMMENTS		• • •						1
ECTION H - COMMENTS						•		
			And the Annual of the Land			ALE ASSA		Market St.

Lines 1 and 2 additional final handling code: TO3



MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME A HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

### FACILITY SUMMARY REPORT PART II

IDENTIFICATION NUMBERS AS SHOWN ON PART I. FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI I.D. NUMBER

R.R.O.2.6.8

11	NOTE > PLEASE READ INSTRI	ICTIO	IO AND	<b>C.</b>					. 0 . 0	2	
	NOTE PLEASE READ INSTRU SECTION E - REPORT IDENTIFICA	CHO	15 AND	EITH	ER PRIN	OR TYPE					
	1. FOR THE PERIOD ENDING (CHECK ONE & FIL	HON	AS SHO	NWC	ON PART	1)					
婴	TOTAL TENIOR ENDING CHECK ONE & FIL	L IN YEAR	3) 2.	PAGE		The second of th	SUMMADIZE				
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	☑ 3-31- 93 (YEAR) ☐ 6-30-	(YEAR)	-		OF 17	71110111	AND CARE II MAD	מא וטע	FRAM	A &I I I I I I I I I I	
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5	SECTION F - GENERATOR IDENTIL	ELCATI	0 N is 10		-	COMPL	ETED FOR EAC	HINDI	VIDUA	L SOURCE.	
3.	SECTION F - GENERATOR IDENTIL	IÇAII	OIA (FI2	IIH	ESOURC	E OF THE WA	STELLISTED	ON TH	IIS PA	CEL 1	
			- 1	4. IMP	ORTANT: IF	HE WASTE IDENT	IFIED ON THIS	5.0	ENERAT	0000110	
١	McDonnell Douglas Corporat	ion			- CHECK THE		MANAGED ON-	_   "	LINCHAL	OR'S U.S.EPA I	D. NUMBER
		Oil						IM.	n a. a.	8000	1 0 0 0
6.	GENERATOR'S ADDRESS	CITY				STATE					_
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H	Airport Rd. & McDonnell Blu	/d., :	St. La	uis.	MO 631	34		library.	RESIDENCE TO THE PERSON NAMED IN		
S	ECTION G. WASTE IDENTIFICATE			_					COMPANY.	0.0.1.2.	BOOK 100 BOOK 1
15	SUMMARIZE THE AMOUNT OF WASTE	ON				Section .					
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ī	0.	9. DOT	1	10	).		11.	ANULE	UAI	OUR SITE	
N	DESCRIPTION	HAZARD	EP.	A HAZ	ARDOUS	TOTAL	4	12. UNIT	13.	14. HA	MOLING
E	OF WASTE	CODE	W	ASTE N	UMBER	TOTAL	AMOUNT WASTE	OF	SPECIFIC	1	3000
_	Acid from chamic 7	1	<del> </del>			01	IAVOIE	MEAS.	GRAVITY	INTERIM	FINAL
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	A STATE OF THE PARTY OF THE PAR		25,000,15	September 1	-3			75.00			STATE OF THE PARTY

Line 4: Additional final handling code: T50 Lines 6,7 additional final handling code: TO3

Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME / IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI

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SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)  S. GENERATORS NAME  MCDOnnell Douglas Corporation  G. GENERATORS ADDRESS  CITY  STATE  STATE  STATE  SECTION G - WASTE IDENTIFICATION  STATE  SIDENMARRIZE THE AMOUNT OF WASTE RECEIVED ON THIS PAGE  S. GENERATORS SUSPENDING  S. GENERATORS SUSPENDING  S. GENERATORS SUSPENDING  G. GENERATORS SUS	-						. 4	. 0 ช		
T. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)   12-31- (YEAR)   12-31-			JCTION	S AND FITHER DR	NIT OF					
Section F - Generator identification (list the source of the waste identified on this page)   S. Generators useful number	ı	SECTION E - REPORT IDENTIFICA	TION /	AS SHOWN ON DA	NIOR	TYPE	2000			
3-30 -	I	1. FOR THE PERIOD ENDING (CHECK ONE A FL	I IN VEAR	AS STOTAL ON PA	(1 1)	The second secon				
SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE.  MCDOnnell Douglas Corporation  MCDON THIS PAGE. ADDITIONAL PAGES NEED TO COMPLETED FOR EACH INDIVIDUAL SOURCE.  MCDONNELL DOUBLE DON THIS PAGE  MCDONNELL DOUBLE DON THIS PAGE  MCDONNELL DOUBLE DON THIS PAGE  SECTION G - WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  MCDONNELL DOUBLE DOUBL	B	9-30(YEAR)   12-31-	WEAR.		5	NOTE: SUMMARIZE T	HE A	MOUN:	T OF WACT	
SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)  3. GENERATOR'S NAME  MCDONNell Douglas Corporation  4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE  ACCOMPLETED FOR EACH INDIVIDUAL SOURCE.  5. GENERATOR'S NAME  ACCOMPLETED FOR EACH INDIVIDUAL SOURCE.  5. GENERATOR'S NAME  ACCOMPLETED FOR EACH INDIVIDUAL SOURCE.  5. GENERATOR'S U.SEPALD. NUMBER  ACCOMPLETED ON THIS PAGE  ACCOMPLETED FOR EACH INDIVIDUAL SOURCE.  5. GENERATOR'S U.SEPALD. NUMBER  ACCOMPLETED ON THIS SOCIETY  STATE  ZIP CODE  7. GENERATOR'S U.SEPALD. NUMBER  NO 'D 'D 'D 'B 'B 'B 'Y  7. GENERATOR'S U.SEPALD. NUMBER  NO 'D 'D 'D 'B 'B 'B 'Y  7. GENERATOR'S U.SEPALD. NUMBER  O 'O '1 '2 '4 '8  SECTION G - WASTE IDENTIFICATION  SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  1. II.  1. II.  1. II.  1. II.  1. III.  1. III			(TEAR)	12 OF 1-7	100	WAY HAVE	ULFD	FROM	A KLIKLDISH DI	
SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)  A GENERATOR'S NAME  MCDONNell Douglas Corporation  4. GENERATOR'S ADDRESS  CITY  STATE  ZIP CODE  Airport Rd. & McDonnell Blvd., St. Louis, M0 63134  SECTION G - WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  IN DESCRIPTION OF WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  IN DESCRIPTION OF WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  IN DESCRIPTION OF WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  I GRIEFAL TO THE AMOUNT OF WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  I GO TO TO A TO THE ABOVE THE WASTE OF WASTE IDENTIFIED ON THIS BOX  WASTE NUMBER  TOTAL AMOUNT OF WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  I GENERATOR'S WISCOURILD. NUMBER  OF O . 1 . 2 . 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		* N. W.   N. W.   Care   C. W.   Care   Care   C. W.   Care   Care	(YEAR)			I VI IIIIS PAGE. AU	DHIG	ΙΔΝα	DACED NO	UAL SOUP
Acid contaminated with chlorinated solvents 13 F-0-0-2 F-0-0-3	P					COMPLETED FOR EACH	INDI	VIDLIAI	SUIBUE ME	ED 10
MCDonnell Douglas Corporation  Generators access  CITY  STATE  ZIP CODE  Airport Rd. & McDonnell Blvd., St. Louis, MO 63134  Coope  Coo	3	GENERATOR'S NAME	FICATI	ON (LIST THE SOU	RCE OF	THE WASTE LISTED C	1115.71		SOURCE.	
MCDonnell Douglas Corporation  GENERATOR'S ADDRESS  CITY  STATE  ZIP CODE  7. GENERATOR'S MISSOURILD. NUMBER  Airport Rd. & McDonnell Blvd., St. Louis, MO 63134  SECTION G - WASTE IDENTIFICATION  (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)  L  1.	Ī	. GENERATOR'S RAME		4. IMPORTANT:	IF THE WA	STE IDENTIFIED ON THIS	A Li	IS PA	GE)	
Acid sludge from various process tanks		W.O. 33 0 0				ATED AND MANAGED ON-	,   3. G	ENERAT	OR'S U.S.EPA I.	NUMBER
Airport Rd. & McDonnell Blvd., St. Louis, MO 63134  SECTION G-WASTE IDENTIFICATION (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)    DESCRIPTION OF WASTE   DOT NAME	_	McDonnell Douglas Corpor	ation				Ш.,,	A 10		
Airport Rd. & McDonnell Blvd., St. Louis, M0 63134  SECTION G - WASTE IDENTIFICATION (SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)    DESCRIPTION OF WASTE   DOTAL AMOUNT OF WASTE   DOTAL AMOUN	6.	GENERATOR'S ADDRESS			CT.	A75	M	ר ט ט ע	8000	1897
SECTION G - WASTE IDENTIFICATION   STATE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)   10						EIF CODE	7. G	ENERAT(	DR'S MISSOURI	I.D. NUMBER
SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)   10.		Airport Rd. & McDonnell F	31 vd	St Louis Mo	6212					100000000000000000000000000000000000000
DESCRIPTION OF WASTE   FLOW THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)   10	8								0.1.2.4	1.8
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Ignitible/chlorinated   Solvents   Solvent	l	DESCRIPTION	DOT	1		11.	12.	13.	14	\$10.85 E
Ignitible/chlorinated   Solvents   Office	N	OF WASTE	HAZARD	EPA HAZARDOUS		TOTAL AMOUNT		COCCIETO	HAI	
Tight tible/Chilorinated   Solvents   Solv	E	1	CODE	WASTE NUMBER		OF WASTE			,	00£
Solid   Soli	1	Ignitible/chlorinated		F. 0.0.2 F.0.0	.2		MEAS.	-	INTERIM	FINAL
Dil contaminated with chlorinated solvents   1 3   F \cdot 0 \cdot 0 \cdot 2   F \cdot 0 \cdot 0 \cdot 0 \cdot 2   F \cdot 0 \cdot 0 \cdot 0 \cdot 2   F \cdot 0 \cdot 0 \cdot 0 \cdot 2   F \cdot 0	_	solvents	0.8	$\mathbf{F} \cdot \mathbf{O} \cdot \mathbf{O} \cdot \mathbf{S} = \mathbf{O} \cdot \mathbf{O} \cdot \mathbf{O}$	끍			1.		
Oil contaminated with chlorinated solvents   1 3	2		1	0.0.0.7	1	1,023	P		S 0 1	T'5
Chlorinated with   Chlorinated solvents   1 3   F \cdot 0 \cdot 0 \cdot 5   \cdot	_			0.0.3.5 0.0.0	.8					
Chlorinated solvents		Oil contaminated with	+	D. 0.3.3 D. 0.4	0					
Oil contaminated with chlorinated solvents	>	Chlorinated solvents	12 3	L.0.0.5 L.0.0	·3]				<del> </del>	
Chlorinated solvents	_	Oil contaminated with	1 3		•	8,323	D		6 . 0 . 1	l - · - ·
Acid sludge from	}	chlorinated solvents		F·0·0·1 F·0·0	2			•	2 0 1	1 5
Various process tanks         0.2         0.0.0.2         0.0.0.3         0.0.0.4         892         P         S 0.1         T 0.0.0.3         T 0.0.0.4         S 0.1         T 0.0.0.3         T 0.0.0.4         T 0.0.0.3         T 0.0.0.4         T 0.0.0.3         T 0.0.0.4         T 0.0.0.3	_	Acid 301Vents	13	D·0·3·9 D·0·4	0	4.895	ь I	•		
Various process tanks	j	ACID Sludge from	1	0.0.0.5		1,000		•	5 0 1	T 5 0
Stripping/cleaning bath from electroplating          D:0:0:3 D:0:0:4  <	-	various process tanks	0 2			902			l	
Fluoroboric acid 0 2 2,358 P S 0 1 T 0 ballasts 1 5	:	Stripping/cleaning bath		D. U. O. 3 D. O. O.		892		•	S 0 1	TO
Fluoroboric acid 0 2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.0 0.0	_	from electroplating	1 0	<del>1</del>	4		- 1	.		
PCB-contaminated ballasts 15				_ ' ' '	-	242	<u> </u>	•	S 0 1	T .U.
PCB-contaminated 2,358 P S 0 1 T 0 ballasts 1.5		Fluoroboric acid	n b		4					. 0
ballasts ECTION H - COMMENTS  1,100 P S 0,1 T 0	I	PCB-contaminated	V -			2,358	•		S'n'1	т'л'
ECTION H - COMMENTS 1,100 P S 0 1 T 0	1	h-17	la :						<u> </u>	1 0
			т э			1,100		: 1	5 '0 5	т'с'
	1000	J. J	No. of the						2 N T	1 0

Lines 1,3,4 additional final handling code:

Precipitation, reduction, neutralization, filtration, coagulation, oxidation, fixation, and discharge to POTW - Line 6

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW - Lines 5 and 7



P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

**FACILITY SUMMARY REPORT** PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME / IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.18963

FACILITY'S MISSOURI

_				I.D. NUMBER R. R. O	. 2	6 9				
	NOTE > PLEASE READ INSTRU	CTION	S AND FITHER DE			. 0 . 0				
K	PERMITT SUFFICIENT INFILLIBION		AS SHOWN ON DA	DE OF TABLE	=		100000			
B	. FOR THE PERIOD ENDING (CHECK ONE & FILE	IN YEAR	2. PAGE	· · · · · · · · · · · · · · · · · · ·			N. LINE			13
	■ U 9-30 (YEAR) □ 12-31.	YFAR		NOTE: SUMMARIZE T	HE A	MOUNT	OF	WAST	E DE	CEI
	□ 3-3193 (YEAR) □ 6-30-	YEAR	13 OF 17	WAS HAND	JI FD I	FROM	1 61 18 1	DILLIE		
		1111111111	Table 1985 of Transport	THIS PAGE, AD	סודום	NAL I	PAGE		EED 1	
3	SECTION F - GENERATOR IDENTIF	IC BTI	N. (1.107 - 1.17 - 1.17	COMPLETED FOR EACH	INDI	VIDUAL	SOU	RCE.		
3.	SECTION F - GENERATOR IDENTIF	IÇATIC	IN (LIST THE SOU	RCE OF THE WASTELLISTED O	N TH	IS PAC	FY	STATE OF THE PARTY.	ATTENDED IN	Til the
			4. IMPORTANT:	IF THE WASTE IDENTIFIED ON THIS OTH GENERATED AND MANAGED ON-	5. G	ENERATO	R'S II S	EDAL	2 411 41	
	McDonnell Douglas Corpora	tion	SITE . CHECK	THIS BOX TED AND MANAGED ON-	1 1					ER
6.	GENERATOR'S ADDRESS				MC	0 Q (	0 0	8 1	1 8 9	ก
		CITY		STATE ZIP CODE						
	Airport Rd. & McDonnell B	lud	C4 Lauda vo		1. G	ENERATO	H S MIS	SOURI	I.D. NUM	BER
i a	COTION O	, vu.,	or. Louis, MC	63134		0	. n. 1	1.2.	4.0	
5	ECTION G - WASTE IDENTIFICATI	ON						31	1.0	
21	SUMMARIZE THE AMOUNT OF WASTE	FROM T	HE ABOVE LISTED	SENERATOR AND HOW IT WAS LA					100	
ì	8.	9.	10.	II.	MULE	DATY	OUR	SITE)		
N	DESCRIPTION OF WASTE	DOT	EPA HAZARDOUS	TOTAL AMOUNT	12. Unit	13.	14.	HA	NOLING	-
Ε	OF WASIE	CODE	WASTE NUMBER	OF WASTE	OF	SPECIFIC		ε	300	
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E	CTION H - COMMENTS			<b>→</b>		•	•			•

TO4: Precipitation, reduction, neutralization, filtration, coagulation, oxidation, fixation, and discharge to POTW.



JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AI IDENTIFICATION NUMBERS AS SHOWN ON PART I. FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M O D O O O O B 1 8 9 6 3

FACILITY'S MISSOURI I.D. NUMBER

R. R. O. 2.6.8

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NOTE > PLEASE READ INSTR	UCTION	SANDEITHER	М. К.		<del></del>						
NOTE > PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)											
1. FOR THE PERIOD ENDING (CHECK ONE & F	IL INVEAD	2. PAGE					STATE AND LINE				
₩ U 9-30 (YEAR) ☐ 12-31-	/YEAD)		NOTE: SUMMARIZE	THE A	MOUN	T OF WAS	TC DECE				
Ø 3-31-93 (YEAR) □ 6-30-	/YEAD!	14 OF 17									
	Chill State State	NATION STATEMENT LIBERTY AND ADDRESS.		וווטט	UNAL	PAGES N	EED TO (				
SECTION F - GENERATOR IDENTI	FICATIO	N (1107 7117	COMPLETED FOR EAC	CH IND	IVIDUA	L SOURCE.					
SECTION F - GENERATOR IDENTI 3. GENERATOR'S NAME	FICATIO	M (LIST THE SOU	RCE OF THE WASTELISTED	ON TH	IIS PA	GE)					
		PAGE WAS BO	TH GENERATED ON THIS	5. (	SENERAT	OR'S U.S.EPA I.	O. M. HADES				
McDonnell Douglas Corpora	tion	SITE - CHECK									
6. GENERATOR'S ADDRESS	CITY				·0 ·D (	8000	1896				
			STATE ZIP CODE			OR'S MISSOURI					
Lindbergh & McDonnell Blv	d., Ha	zelwood, MO 63	3042	10000	Section 1		-				
SECTION G . WASTE IDENTIFICATE				512		0.1.0.					
(SUMMARIZE THE AMOUNT OF WASTE	ION			GEORGE STATE		Section Services					
L 8.	PHOM I	HE ABOVE LISTED G	ENERATOR AND HOW IT WAS I	IANDI	FD AT V	OUD CITE					
DESCRIPTION	DOT	1	- 11.	12.	13.	14					
OF WASTE	HAZARD	EPA HAZARDOUS WASTE NUMBER	TOTAL AMOUNT	UNIT	SPECIFIC	HA	NOLING				
	CODE	TASTE HUMBEN	OF WASTE	OF MEAS	GRAVITY		CODE				
1 Chlorinated solvent	1.	F. 0. 0. 1		michs.	<del> </del>	INTERIM	FBIAL				
from degreasing Oil contaminated with			132 6/10	n							
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citorinated solvent	1 3	D. 0. 3.9 D. 0.4	69 207								
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painting/metal cleaning	8 0	D. 0. 0. 1 D. 0. 0.	<del></del>								
4		0.0.3.5	50,456	P	•	S 0 1	T 50				
	1 . 1			1							
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<u>  painting/paint removal</u>	1 3	0.0.4.0	The second secon	1 1							
Alkaline cleaning		0.0.0.2	1,685	P	•	S 0 1	T 50				
solution	0 2		-				-				
Country		0.0.0.2	477	Р		S 0 1	T 0 4				
Caustic soda beads	0 2										
Potassium dichromate		0.0.0.1	400	P		S 0 1	T 0 4				
lfilters - dry	16		-		- 1						
ECTION H - COMMENTS	A CONTRACTOR		350	Р	•	5 0 1	T 0 3				
						Section 1	. 03				
Lines 2. 3. 5 additional c							THE PERSON NAMED IN CO.				

Lines 2, 3, 5 additional final handling code: TO3

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE FACILITY NAME /
IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M· O· D· O· O· O· 8·1·8·9·6·3

FACILITY'S MISSOURI

R · R · 0 · 2 · 6 · 8

PLEASE READ INSTR	UCTION	IS AND EL	THER PRIME			· 0 · 1	2	
SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)								
1. FOR THE PERIOD ENDING (CHECK ONE & F	II IN YEAR	AS SHOW	N ON PART				SERVE BEET	TO PASTO
9-30(YEAR)	/VEAD	3) 2. PAC	jĘ.	NOTE: SUMMARIZE	THE	MOLIA	IT OF MA	
₩ 3-31-93_(YEAR) □ 6-30	- (TEAR)	1	5 OF 17					
CONTRACTOR SECTIONS OF THE PROPERTY OF THE PRO	A STATE OF THE PARTY OF THE PAR			THE TRUE,	וווטטר	ONAL	PACEC	
SECTION F - GENERATOR IDEAT	<b>510.5</b>			COMPLETED FOR EA	CH IND	IVIDUA	י אמבט ו	AEED 10
SECTION F - GENERATOR IDENTI 3. GENERATOR'S NAME	FICATI	ON (LIST T	THE SOURC	E OF THE WASTE LIGHER	ONT	ule or	OE)	
		4. [	MPORTANT: IF	THE WASTE IDENTIFIED ON THIS		CENERAL	GE)	
McDennell Day 1		s	ITE - CHECK THIS	GENERATED AND MANAGED ON-	_   "	GENERA	TOR'S U.S.EPA	I.D. NUMBER
McDonnell Douglas Corpor					C M	· 0 · 0 ·	0 0 0 0	1896
	CITY			STATE ZIR CODE				
Lindbergh & McDonnell Bl	ud i	lam - T		2 0002	7. 0	BENERAT	OR'S MISSOUR	RI I.D. NUMBER
Scotion of the political Big	vu., !	iaze i woo	d, MO 630	142			0.0.1.0	0 1
SECTION G - WASTE IDENTIFICAT	ION		Mari Paris Salar	Control of the second of the s			· · · · · · · · ·	0.1
(SUMMARIZE THE AMOUNT OF WASTE	FROM	THE ABOVE	LISTED GEN	IERATOR AND HOW				
8.	9.		10.	II.	HANDL	EDAT	YOUR SITE	
DESCRIPTION OF WASTE	DOT HAZARD	1	AZARDOUS	, '''	12. UNIT	13.	114	ANDLING
	CODE	WAST	E NUMBER	TOTAL AMOUNT OF WASTE	OF.	SPECIFI	c	3000
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	1 .		1					THAL
Alkaline from derusting	+	200		350	Р		5 0 1	T
of metal parts	0.0	D. 0.0.5			<del>                                     </del>	-	13 0 1	TO
Acid from metal	0 2			8,109	P		6:0:	
surface passivate			D· 0· 0·7	3,203	-	-	5 0 1	T 0 4
Solution from	0 2	D· 0· 1·0		5,247	Р			
Coating warmens		D. 0.0.5	D· 0· 0·7	3,247		•	50 1	TO
coating removal	0 2	F· 0· 0· 2		1,299			l	
Acid from plating/		D. 0.02		1,299	Р	•	501	TO
hard coating	0 2			1 000		-311		
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Alkaline sludge from		D 0 0 8		954	P		S 0 1	T 0 4
Various process tanks	0 2	0.0.5	• • •				<u> </u>	1 .0 4
ECTION H - COMMENTS	0 2	The South Course		3,568	P		S 0 1	1 7 6 -
	NEW WORLD						J U 1	1 0 4

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation,

8



HAZARDOUS WASTE PROGRAM

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

#### FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

BEFORE COPYING FORM, ENTER THE FACILITY NAME A
IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R.R.O.2.6.8

	NOTE PLEASE READ INSTR	UCTIO	NS AND FITHER DOIN	K.K.	U .2	3. 6.	3	
-				IT OR TYPE				
-	9-30- (YEAR) 12-31- 23-31- 93 (YEAR) 6-30-	ILL IN YEA (YEAR) (YEAR)	2. PAGE 16 OF 17	NOTE: SUMMARIZE AND HOW IT WAS HA ON THIS PAGE.	DDIT	ONAI	AN INDI	VIDUAL SOUI
ı	SECTION F - GENERATOR IDENT	IFICATI	ON (LIST THE SOURCE	COMPLETED FOR EA	CHINE	DIVIDUA	L SOURC	Æ.
	McDonnell Douglas Corpor	ation	4. IMPORTANT: IF PAGE WAS BOTH SITE - CHECK TH	GENERATED ON THIS	5.	GENERAT	OR'S U.S.EF	PA I.D. NUMBER 8 .1 .8 .9 .6
		CITY		STATE ZIP CODE				URI I.D. NUMBER
	Lindbergh & McDonnell Bl SECTION G - WASTEIDENTIFICAT						0, 0, 1, (	0.0.1
fi	SUMMARIZE THE AMOUNT OF WASTE	FROM	THE ABOVE LISTED GE	NERATOR AND HOW IT WAS	J A NI DI			
I N E	OF WASTE	DOT HAZARD	FD4 HAMARA	11. TOTAL AMOUNT OF WASTE	12. UNIT	13.	14.	HANDLING CODE
1	Acid sludge from various process tanks	0 2	D· 0· 0· 2	4,460	MEAS	GRAVITY	INTERIA	THERE
2	Ignitible/chlorinated solvents	8.0	F. 0. 0. 2 F. 0. 0. 3		P	•	S '0 1	T'0 4
3		08	F· 0· 0· 5 D· 0· 0· 1 D· 0· 0· 7 D· 008	986	P		S'0 1	T'5 '
4	Flammable laboratory chemicals	9:0	D 0· 3· 5 D 0· 40 D 0· 01 · · ·					
_ 5	Wastewater pretreatment	8 0	D 0· 0· 1 D 0· 0· 7	13,568	P	•	S'0 1	r ·0 ·3
6	sludge contaminated with JP-5	1 5	D 0 0 8 F 0 0 6 F 0 1 9	13,865	Р	·	S '0 1	
7	Wasto mosin and at		D 0· 0· 1			·		
	Waste resin solution	8 0	D 0. 0. 1	539	P	:	S '0 1	ТО 3
	Wacto adhess.		- 0 O.Yl					- 0 0

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation,

544

S'0 1

T'0 3

Line 2 additional final handling code: TO3

8 0

Waste adhesive solution

SECTION H - COMMENTS

15.



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AT IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M. O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOUR I.D. NUMBER

R. R. O. 2.6.8

N	NOTE > PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE								
	SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)								
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL		2. PAGE	OI PART I	THE RESIDENCE OF THE PARTY OF T	TAKE D			
	9-30- (YEAR) 12-31- (Y		] " " "		NOTE: SUMMARIZE TH	HE AM	TAUON	OF WASTE	RECEIV
			1/	OF 17	AND HOW IT WAS HAND	LED F	ROM A	N INDIVIDU	AL SOUR
		EAR)			ON THIS PAGE. ADI	OITIC	NAL P	AGES NE	ED TO
					COMPLETED FOR EACH	INDIV	IDUAL	SOURCE.	
S	ECTION F - GENERATOR IDENTIF	CATIO				N TH	IS PAG	E)	
3. (	SENERATOR'S NAME		4. IMP	ORTANT: IF TH	E WASTE IDENTIFIED ON THIS ENERATED AND MANAGED ON-	5. GE	NERATO	S'S U.S.EPA I.D.	NUMBER
			SITI	E · CHECK THIS	NOX I		0 0 0		
	McDonnell Douglas Corporat	ion			X	ाग-	ט. ט. ט	.0.0.8.1	1.8.9.6
6. 0	SENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. GE	NERATO	R'S MISSOURI I.	D. NUMBER
	lindhamah & MaDannall Dlud	II.	1	140 6304		1000			Description (
	Lindbergh & McDonnell Blvd	., на	ze i wood,	MU 63047	2		<b>333</b> 0	0100	). 1
S	ECTION G - WASTE IDENTIFICATION	ON							
IS	UMMARIZE THE AMOUNT OF WASTE	FROM T	HE ABOVE L	ISTED GENE	RATOR AND HOW IT WAS HE	MDIE	N AT V	OUD CITES	
L	<b>6</b> .	9.	1	0.	11.	12.	13.	14.	
!	DESCRIPTION	TOO	EPA HAZ	ARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	KAH	DLING
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-	Water emuleified sutting	CODE	0.00			MEAS.	0.00	INTERIM	FINAL
1	Water-emulsified cutting		D. 0.9.8						
_	oil				1,272	Р		S 0 1	L.O.
2	Industrial wastewater			F·0·1·9		]			
_	pretreatment sludge	1 5	D· 0·0·3		735,750	Р		S 0 2	L.O.
3	Acid from oxide removal on metal surfaces	} .	D· 0·0·2	D·0·0·7					-
	on metal surfaces	0 2			1,499	D		S 0 1	T 0 .
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	CTION II COMBENTO						•		
3E	CTION H - COMMENTS					BENEFE B			PER MER E

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.

Line 1: additional final handling code: T50

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET. THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

#### MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality Hazardous Waste Program P.O. Box 176 Jefferson City, Missouri 65102 314-751-3176

CHEM TREC 1-800-424-9300 DEPT OF NATURAL RESO 314-634-2436

Form Approved OMB No 2050-0039, Expires 9-30-94

EMERGENCY RESPON U.S. COAST GUARD 1-800-424-8802

#### HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No. 1. Generator's US EPA ID No. 2. Page \_\_\_\_ Information in the shaded areas UNIFORM HAZARDOUS is required by State law **WASTE MANIFEST** 11 1/ 12 DO BUTTER 3. Generator's Name and Mailing Address A. Missouri Manifest Document Number McDonnell boxuglas Corporation, Mailcode 0343550 0 1 2 4 8 1 Mirport Ra. & Modennell Blvd., St. Louis, Mc 55.34 B. G.S.I. (Gen. Site Address) 4. Generator's Phone ( 314 ) 202-3319 Same 001248 5. Transporter 1 Company Name 6. US EPA ID Number C. MO, Trans. ID H-1039 D. Transporter's Phone and the property of the second 314-232-9327 AcDonnali Douglas Corporation 8. US EPA ID Number E. MO. Trans. ID 7. Transporter 2 Company Name F. Transporter's Phone HORE G. State Facility's ID 10. US EPA ID Number 9. Designated Facility Name and Site Address IMDonnell Bouglas Corporation MOD000318963 RR0268 Lindbergh á McDonnell Blyas., Hazelvová, No – obo42 H. Facility's Phone 314-9232-3319 <u>មានស្រាប់ មើលការ នេះមិន</u> 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13. L Waste No. Total Number Type Quantity Wt/Vol. **EPA WASTE CODE** RQ Haste URA-A, N.O.S. (contains unfortnated solvents 10 10 11 NA1693 (FUUL/FUU2/D040) STATE JONE GENERAT **EPA WASTE CODE** F 10 10 11 ikų waste Irichloroeunylaha STATE VONC UNI-A UH1/10 (FUUL) **EPA WASTE CODE** OR STATE EPA WASTE CODE STATE. J. Additional Descriptions for Materials Listed Above Final 5-101 also f002/2040 \_ 3.6. 1.2 - 10 10 041 S.G. 1.2 NO 10 041 STON d. 🗵 15. Special Handling Instructions and Additional Information "If unablee to deliver to designated TSD facility, return to generator." Emergency Contact: 314-232-2235 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford. Printed/Typed Name Signature M= COLLOYGH 0.1 12,0 ODELL 17. Transporter 1 Acknowledgement of Receipt of Materials Date TRANSPORTER Day Printed/Typed Name Month OLCIFF w. 701 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Type: I Name Signature Month Day 19. Discrepancy Indication Space A 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Date Month Day Printed/Typed Name EPA Form 8700-22 (R., v. 8-91) MDNR-HWG 10

Generator EPA ID: MDD000818906	EPA Waste ID: F00/F001/D040
Manifest No.: 01248-0783	Facility Wastestream No.: 041
This form is submitted in compliance with 40	CFR 269.
I. WASTE IDENTIFICATION  Identify all U.S. EPA hazardous waste number( group(s) applicable to this waste shipment.  A. D001:  1	b) NWW <sup>1</sup> 1% to <10% TOC;c) WW <sup>2</sup> Ignitable Reactives;4) Cxidizers  Other Corrosives  tive Sulfides;3) Explosives;  Reactives  rcury;2) High Mercury  rs/Aids & Desiccants
F001/F001/D0YD	Dome (IF APPLICABLE)
H. Treatability Group (if not previously indic.  Wastewater; Non-Wastewater; List	ated): any others
II. LAND DISPOSAL RESTRICTIONS  A. Restricted wastes with EPA hazardous wast have treatment standards expressed as con (CCWE) per 40 CFR 268.41.  B. Restricted wastes with EPA hazardous wast have treatment standards expressed as con per 40 CFR 268.43.  C. Restricted wastes with EPA hazardous wast have treatment standards expressed as a subject the applicable five-letter treatment INCIN:  DEACT:  STABL: Other  D. Wastes with EPA hazardous waste number(s) treatment standard based on incineration a not subject to the land disposal prohibiting.  E. Wastes with EPA hazardous waste number(s) to other variance, extention or exemptions	e number(s) stituent concentrations in waste (CCW)  e number(s) pecific technology per 40 CFR 268.42. code: having a and are contaminated scil and debris, are on until
<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater	

denerator EPA ID: MUS 308 81 PG06	EPA Waste ID: FOO!
Manifest No.: DILY8-0783	Facility Wastestream No.: 041
This form is submitted in compliance with	40 CFR 269.
I. WASTE IDENTIFICATION Identify all U.S. EPA hazardous waste number group(s) applicable to this waste shipment. A. D001:	.0%;
W Troopelian C	
H. Treatability Group (if not previously inc Wastewater;Non-Wastewater; Lis	licated):
II. LAND DISPOSAL RESTRICTIONS	
A. Restricted wastes with EPA hazardous w	aste number(s) F00/
nave creatment standards expressed as	constituent concentrations in waste extract
(CCWE) per 40 CFR 268.41.	
B. Restricted wastes with EPA hazardous was	aste number(s)
per 40 CFR 268.43.	constituent concentrations in waste (CCW)
C. Restricted wastes with EPA hazardous we	isto number(s)
nave creatment standards expressed as a	specific tech1
INCIN:DEACT:STABL: Oth	er
not subject to the land disposal probib	n and are contaminated scil and debris, are
not subject to the land disposal prohib  E. Wastes with EPA hazardous waste number(sto other variance, extention or exemption)	iction uncil
to other variance, extention or exemption	ons: Specify subject
	•
<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater	

Generator EPA ID: MDD000818906	EPA Waste ID: F00/F001/D040
Manifest No.: 01448-0783	Facility Wastestream No.: 041
This form is submitted in compliance with 4	10 CFR 269.
I. WASTE IDENTIFICATION  Identify all U.S. EPA hazardous waste number group(s) applicable to this waste shipment.  A. D001:  1)Ignitable Liquids:a) NWW¹ TOC ≥10 2) Ignitable Compressed Gases;3)  B. D002:1) Acids;2) Alkaline;  C. D003:1) Reactive Cyanides;2) Re. 4) Water Reactives;5) Other  DD009:K106:U151:1) Low Reserved to the property of the property o	(s), subcategory(ies) and treatability  (%;b) NWW <sup>1</sup> 1% to <10% TOC;c) WW <sup>2</sup> Ignitable Renctives;4) Cxidizers  3) Other Corrosives active Sulfides;3) Explosives;  r Reactives  Mercury;2) High Mercury ters/Aids & Desiccants
B. Restricted wastes with EPA hazardous was have treatment standards expressed as coper 40 CFR 268.43.  C. Restricted wastes with EPA hazardous was have treatment standards expressed as a List the applicable five-letter treatmenINCIN:DEACT:STABL: OtherwiseINCIN:DEACT:STABL: OtherwiseINCIN:DEACT:STABL: OtherwiseINCIN:	ste number(s) FOO(FOOL DOYO constituent concentrations in waste extract ste number(s) constituent concentrations in waste (CCW) ste number(s) specific technology per 40 CFR 268.42. st code: r having a and are contaminated scil and debris, are tion until

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

#### MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality

Waste Management Program

P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONS

U.S. COAST GUA=D

1-800-424-5532

CHEM TREC

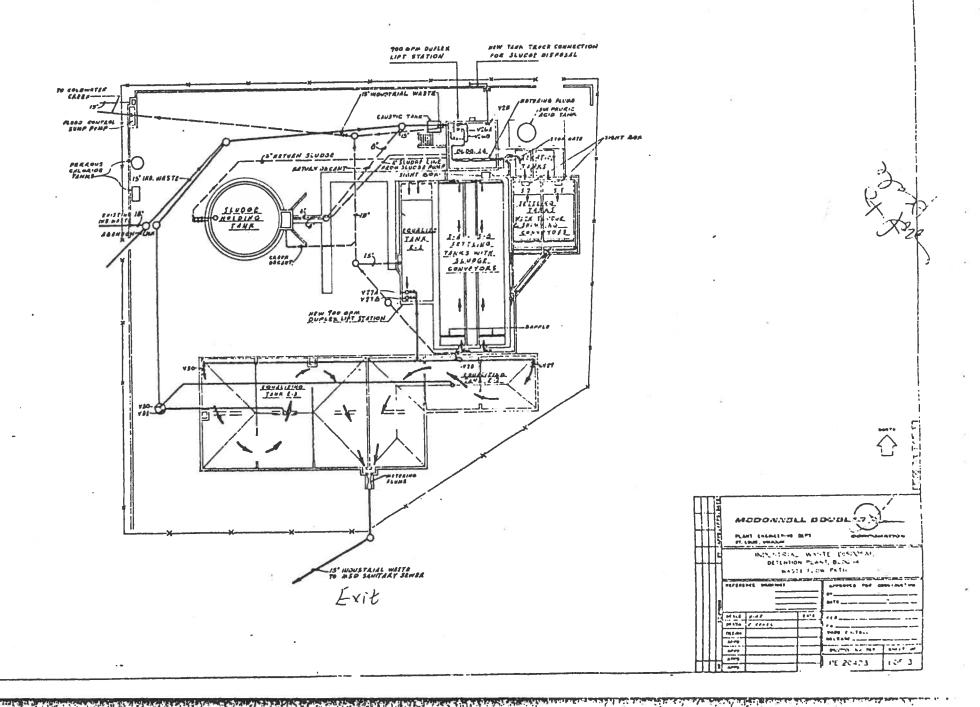
1-600-424-5332

DEPT. OF NATURAL RESOU

Please print or type (Form designed for use on elite (12-pitch) typewriter.) Form Approved OMB No 2050-0039, Expires 9-30-91 1. Generator's US EPA ID No. Manifest Document No. UNIFORM HAZARDOUS 2 Page Information in the shaded areas **WASTE MANIFEST** Μορρρυβιβρερφ is required by State law. 3. Generator's Name and Mailing Address A. Missouri Manifest Document Number McDonnell Douglas Corporation, Mail Code 0343530 0 0 1 2 4 9 B. G.S.I. (Gen. Site Address) 5951 Horth Hanley Rd., Hazelwood, MU 53042 4. Generator's Phone ( 314 ) 232-3319 注意001249 Same 5. Transporter 1 Company Name 6. US EPA ID Number C. MO. Trans. IOH-1039 McDonnell Douglas Corporation 8, 8, 8, 8, 1, 8, 0, 0, 0, 0, 0, 0, M D. Transporter's Phone 314-232-9327 7. Transporter 2 Company Name 8. US EPA ID Number E. MO, Trans. ID F. Transporter's Phone None 9. Designated Facility Name and Site Address 10. US EPA ID Number G. State Facility's ID RR0268 MOD000818963 McDonnell Douglas Corporation H. Facility's Phone Lindbergh & McDonnell Blvd. M.O.D.O.O.O.8.1.8.9.6.3 314-232-3319 Hazelwood, HU 63042 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) I. Waste No. Number Туре Quantity Wt/Vol \*RO Hazardous waste, solid, N.O.S. (contains paint-relaced material) Notife ORM-E NA9189 (DOGT/FOO2/FOO3/FOO5) (OIL CONTAMINATED WITH CHLORINATED SOLVENTS) ORM-A NAI693 (FOOI) FOOZ/DO39/DO40 0 STATE **EPA WASTE CODE** J. Additional Descriptions for Materials Listed Above \*also F002/F003/F005 MO ID 038 5.0.0.025 SIOIL CONTROL V d. v 15. Special Handling Instructions and Additional Information "If inable to deliver to designated TSD facility, return to generator." Emergency contact: 314-232-2285 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford. Printed/Typed Name Signature/ MRY DUFORT 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Day 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Day 19. Discrepancy Indication Space 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name > Day

Generator EPA ID: MIQDOOB18955	EPA Waste ID: 0007-7002-7003-700
Manifest No.:001249-0048	Facility Wastestream No.:
This form is submitted in compliance with 40	CFR 269.
I. WASTE IDENTIFICATION  Identify all U.S. EPA hazardous waste number( group(s) applicable to this waste shipment.  A. D001:  1	isb) NWW <sup>1</sup> 1% to <10% TOC;c) WW <sup>2</sup> Ignitable Reactives;4) ('xidizers')  Other Corrosives   ctive Sulfides;3) Explosives;  Reactives   ercury;2) High Mercury   ers/Aids & Desiccants
H. Treatability Group Vif not previously indic  Wastewater; Non-Wastewater; List  II. LAND DISPOSAL RESTRICTIONS  A. Restricted wastes with EPA hazardous wast have treatment standards expressed as competed OCFR 268.41.  B. Restricted wastes with EPA hazardous wast have treatment standards expressed as competed OCFR 268.43.  C. Restricted wastes with EPA hazardous wast have treatment standards expressed as a substitute List the applicable five-letter treatment INCIN:  DEACT:  DEACT:  STABL: Other D. Wastes with EPA hazardous waste number(s) treatment standard based on incineration not subject to the land disposal prohibit E. Wastes with EPA hazardous waste number(s) to other variance, extention or exemptions	te number(s)  Se
<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater	

# Waste Water Pretreatment Plant.



medonnell Douglas AIRCRAFT .27.080

JOHN ASHCROFT

G. TRACY MEHAN III

Director

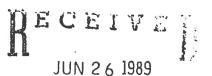


Division of Energy Division of Environmental Qu Division of Geology and Land 5 Division of Management Serv Division of Parks, Recreation and Historic Preservation

#### STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY P.O. Box 176 Jefferson City, MO 65102

June 15, 1989



SLRO

Mr. Kenneth L. Marks Kaybee and Associates 6427 Fallengate Drive Spring, Texas 77373

Dear Mr. Marks:

Spent Caustic Wastestream

Your recent correspondence requested a clarification regarding a spent caustic wastestream generated by McDonnell Douglas, St. Louis, Missouri which is to be utilized by Reynolds Metals in Texas. Your letter indicated the spent caustic wastestream will be used as an effective substitute for a commercial product (namely, 50% fresh liquid caustic soda) in the production of alumina. It does appear as if this material satisfies the criteria in 40 CFR 261.2(e)(ii) and is not a solid waste and, therefore, not subject to the hazardous waste regulations when recycled in this manner.

If you have any questions, please do not hesitate to contact me at (314) 751-3176.

Sincerely,

ON OF ENVIRONMENTAL QUALITY

Énvironmental Engineer Waste Management Program

js

Reynolds Metals, P.O. Box 9177, Corpus Christi, Texas McDonnell Douglas, St. Louis, Missouri Saint Louis Regional Office

27.080

JOHN ASHCROFT

Governor

G. TRACY MEHAN III



Division of Energy
Division of Environmental Qu
Division of Geology and Land S
Division of Management Servi
Division of Parks, Recreatio
and Historic Preservation

# STATE OF MISSOURI TO DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

August 31, 1989

P.O. Box 176 Jefferson City, MO 65102

Mr. Joe Haake
Hazardous Waste Coordinator
McDonnell Douglas
Dept. 441C, Bldg. 80
Mail Code 0801800
P.O. Box 516
St. Louis, MD 63166-0516

SEP 01 1989

SLRO

Dear Mr. Haake:

The department is in receipt of your letter of August 10, 1989 requesting a determination of regulatory status regarding the burning for energy recovery of off-specification jet fuel. Please consider this letter our determination and reply.

According to your letter and our recent telephone conversations, your firm generates jet fuel as the result of a requirement to remove the fuel from the tanks of aircraft. At that point, the fuel no longer meets the specifications which are necessary for reuse in the aircraft. In the past, you have been providing for off-site management as a D001 hazardous waste through a contractor. It is now your desire to burn the off-specification jet fuel along with #2 fuel oil in your utility boilers for energy recovery.

The department agrees with your viewpoint that the off-specification jet fuel is not a solid waste when burned for energy recovery. This determination is based upon the provision found at 40 CFR 261.2 (c)(2)(ii), which appears to parallel and be supported by the letter of July 31, 1989 from EPA Headquarters to McDonnell Douglas.

Should you have need for further inquiry do not hesitate to contact this office.

Sincerely,

DIVISION OF ENVIRONMENTAL CHALITY

R. Bruce Martin

Environmental Specialist Waste Management Program

BM/bm

#### RECYCLED MEK USAGE

MONTH J	MW 93			=					
	QUANTITY RECEIVED TO RECYCLE								
en de de la companya	BLDG 48		BLDG 002	· · · · · · · · · · · · · · · · · · ·					
1st WEEK	55	GALLONS	0	GALLONS					
2nd WEEK	55	GALLONS		GALLONS					
3rd WEEK	7	GALLONS		GALLONS					
4th WEEK	35	GALLONS	0	GALLONS ·					
5th WEEK		GALLONS		GALLONS					
ALC A COLOR OF THE PROPERTY OF	165 PAINT SHOP	BLDG.	48 DEPT. 1	.64B/C					
MONTH _	#~ REC €8 9:3	CYCLED MEK	USAGE						
	QUA	NTITY RECYC	CLED & RE-ISSUED						
PARTING PACKAR.	BLDG 48		BLDG 002						
Ist WEEK	55	GALLONS		GALLONS					
2nd WEEK	0	GALLONS		GALLONS					
3rd WEEK	55-	GALLONS	0	GALLONS					
4th WEEK	55	GALLONS	0	GALLONS					
5th WEEK		GALLONS		GALLONS					
· 1-10-10-10-10-10-10-10-10-10-10-10-10-10	165								

#### RECYCLED MEK USAGE

MONTH FEB 93

#### QUANTITY RECEIVED TO RECYCLE

	BLDG 48	BLDG 002		
1st WEEK	1/0	GALLONS	/	GALLONS
2nd WEEK	35	GALLONS		GALLONS
3rd WEEK	55	GALLONS	$\bigcirc$	GALLONS
4th WEEK	55	GALLONS	0	GALLONS
5th WEEK		GALLONS		GALLONS
	275		— — — — — — — — — — — — — — — — — —	— — — — — — — — — — — — — — — — — — —

PAINT SHOP BLDG. 48 DEPT. 164B/C

RECYCLED MEK USAGE

MONTH FEB 93

#### QUANTITY RECYCLED & RE-ISSUED

	BLDG 48	BLDG 002		
1st WEEK	55	GALLONS		GALLONS
2nd WEEK	110	GALLONS		GALLONS
3rd WEEK	.410	GALLONS		GALLONS
4th WEEK	55	GALLONS	55	GALLONS
5th WEEK		GALLONS		GALLONS
12	2 2			

#### RECYCLED MEK USAGE

# MONTH MARCH 93

## QUANTITY RECEIVED TO RECYCLE

			•			
		BLDG 48		BLDG 002		
lst W	EEK	35	GALLONS		GALLONS	
2nd W	EEK	1/0	GALLONS	0	GALLONS	
3rd W		//0	GALLONS	0	GALLONS	
4th W		" 55	GALLONS	/ Inom	GALLONS	
5th WE	EEK		GALLONS	5.	GALLONS	
		230		/22		
		PAINT SHOP	BLDG.	+ 670 G 44 7674 76 * 7.27 4870.9 Lc 48 DEPT.	164B/C	

#### RECYCLED MEK USAGE

MONTH MAKCh 93

# QUANTITY RECYCLED & RE-ISSUED

	BLDG 48	BLDG 002		
1st WEEK	55	GALLONS		GALLONS
2nd WEEK	1/0	GALLONS	110	GALLONS
3rd WEEK	-110	GALLONS		GALLONS
4th WEEK	55	GALLONS	0	GALLONS
5th WEEK		GALLONS		GALLONS
	230	/5	TOTAL 625 SFL 1	RECYCLES

# SOLVENT RECYCLING RECORD

DATE  MEK RECOVERED (gollons)  1-29-92  5-5 gallons  3-28-92  5-5 gallons  3-28-92  5-5 gallons  3-28-92  5-5 gallons  3-28-92  5-5 gallons  5-6 LB,  5-28-92  5-5 gallons  5-6 LB,  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-28-92  5-3 gallons  21.1  2600.6			RESIDUE GENERATED (nearest oz.)
2-28-92 55 gellens. 3.5 13.  3-28-92 55 gellens. 3.0 LB.  4-28-92 110 gellens. 5.6 LB.  5-28-92 55 gellens. 3.0 LB.  4-28-92 55 gellens. 3.0 LB.  2579.5  2579.5			
3-28-92 55 gallons. 3.0 LB.  4-28-92 55 gallons. 5.6 LB.  5-28-92 55 gallons. 3.0 LB.  4-28-92 55 gallons. 3.0 LB.  2579.5  2579.5  2579.5	The second secon		
4-28-92 110 gallans: 5.6 L13,  5-28-92 55 gallons: 3.0 LB.  4-28-92 55 gallons: 3.0 LB.  385 21.1  46.7  2579.5  2579.5	2-28-92		
5-28-92 55 gallons. 3.0 LB.  6-28-92 55 gallons. 3.0 LB.  385 21.1  X6.7  2579.5  2579.5  21.1  2600.6	3-28-92	55 gallans.	J.OLB.
5-28-92 55 gellows. 3.0 LB.  6-28-92 55 gellows. 3.0 LB.  385 21.1  46.7  2579.5  2579.5  21.1  2600.6	4-28-92	110 Gallans.	5.6213,
6-28-92 35 gallons. 3,020. 385 21.1 X6.7 2579.5 2579.5 21.1 2600.6	5-28-92	55 gallons.	3.043.
385 X 6.7 2579.5 2579.5 21.1 2600.6	6-28-92	55 gallons.	3.0LB.
2579.5 2579.5 21.1 2600.6	4		21.1
2579.5 21.1 2600.6		X 6.7	
21.1		2579.5	· ·
2600.6	•		
		1	2
	•		
			·

# McDONNELL DOUGLAS CORP. McDONNELL AIRCRAFT CO. ANALYTICAL CHEMISTRY LABORATORY

#### LABORATORY REPORT

ACL SAMPLE NUMBER : 9331-8 SAMPLE DESCRIPTION: E C O BLDG		SAMPLE NUMBER: 8556	_				
MO ID NO 03	7						
Date of Receipt: 05/05/92 Date of Report: 06/22/92							
pade of necespo. co, co, co,		-					
рН	6.7	UNITS					
FLASHPOINT	>140	of					
VOLATILES @ 100 °C	89.03	% BY WEIGHT					
VOLATILES @ 600 °C	99.84	% BY WEIGHT					
ASH	0.16	% BY WEIGHT					
REACTIVITY	NEG						
CYANIDE	0.5	mg/kg					
SULFIDE	66	mg/kg					
SPECIFIC GRAVITY	0.9800						
P C B	<1000	mg/kg					

Kenneth Lee

Lead Engineer, Laboratory 102/D257/1022152/49824

# T C L P CHARACTERISTICS

ACL SAMPLE NUMBER: 9331-			NUMBER: 8556
CAMPLE DESCRIPTION: E C	0 Blille 21	ANNUAL	
MO	ID NO 037	DECETT AHODY	SAMPLE
	EPA	REGULATORY	CONCENTRATION
I	HW WH	LEVEL	(mg/l)
1	NUMB	(mg/l)	(mg/I)
		<b>-</b> 0	<0.1
H L DETITO	D004	5.0	<10.0
Barium	D005	100.0	<0.05
Benzene	D018	0.5	<0.1
Cadmium	D006	1.0	
Carbon Tetrachloride	D019	0.5	<0.05
Chlordane	D020	0.03	*
Chlorobenzene	D021	100.0	<0.05
	D022	6.0	<0.05
	D007	5.0	<0.5
	D023	200.0	<0.20
0-016901	D024	200.0	<0.20
m-orepor	D025	200.0	<0.20
b-oregor	D026	200.0	<0.20
CLEBOT	D016	10.0	*
2,7 D	D027	7.5	<0.20
I, 4 DICHIOLOBOLLEGIO	D028	0.5	<0.05
1.Z Dichitorocommic	D029	0.7	<0.05
1,1 Dichtor Cooling Tone	D030	0.13	<0.10
Z, 4-Dinior o oo a do	D012	0.02	*
Endrin	D031	0.008	*
Heptachlor	D031	0.13	<0.10
Hexachlorobenzene		0.5	<0.20
Hexachlorobutadiene	D033	3.0	<0.20
Hexachloroethane	D034	5.0	<1.0
Lead	D008	0.4	*
Lindane	D013	0.2	<0.02
Mercury	D009	10.0	<u>.</u> /// *
Methoxychlor	D014	200.0	4.81
Methyl Ethyl Ketone	D035	2.0	<0.20
Nitrobenzene	D036	100.0	<0.20
Pentachlorophenol	D037	5.0	<0.20
Pyridine	D038		<0.1
Selenium	D010	1.0	<0.1
Silver	D011	5.0	<0.05
Tetrachloroethylene	D039	0.7	*
Toxaphene	D015	0.5	<0.05
Trichlorethylene	D040	0.5	<0.20
2,4,5-Trichlorophenol	D041	400.0	<0.20
2,4,6-Trichlorophenol	D042	2.0	*
2,4,5-TP(Silvex)	D017	1.0	<0.05
	D043	0.2	
Vinyl Chloride * - NOT DETERMINED DUE	TO NATURE	OF PROCESS	WHICH GENERALED INTO
WASTE STREAM.			
- 1			

# GAS CHROMATOGRAPHY/MASS SPECTROMETRY ORGANICS \* USEPA SW-846 METHODS 8240/8270

ACL SAMPLE: 9331-8 CUSTOMER SAMPLE: 8556

SAMPLE DESCRIPTION: E C O BLDG 27 ANNUAL MO ID NO 037

#### CONTAMINANT

#### SAMPLE CONCENTRATION, (mg/l)

	TO TOUT OD OPPOSITANT	97
->	1,1,1-TRICHLOROETHANE	2.9
	2-HEXANONE	0.14
	1,2-DICHLOROETHENE	1.10
	1,1-DICHLOROETHANE	0.29
	1,3-DIOXOLANE	1.01
	O A DENTANEDIOL	1.47
	2,6-bis(1,1-DIMETHYLETHYL)-4-METHYLPHENOL	1.41

\* - ALL OTHER ORGANIC COMPOUNDS LISTED IN THESE METHODS WERE NOT DETECTED ABOVE A CONCENTRATION OF 0.05 mg/l.

TROT BREET

McDonnell Pouglas doptration - Et. Uthou Packettes profit

18722 No. MC-6004782

for the plant large to the control of the control of

The Faceral Uster Pollution Control Act "Clean Jater Act" Section 401 7 blid Law 31-500, as amended) established the National Additional Discharge Bliningsion System (RPDES) permit program. This program regulates the discrarge of pollutants from point sources into the waters of the United Staves. All such discharges are unlawful without a permit (Section 301 of the 401ear Mater Acts). After a permit is obtained, a discharge not in conciliance with all permit terms and conditions is unlawful. NPDES permits in Missouri are Issued by the Director of the Department of Natural Resources under an approved NRSSB program, alerating in accordance with federal and state laws (Peceral Milean Mater Acts and the "Missouri Clean Mater Law" Section 644 as amended).

AcDomnail Douglas Parospace, F.O. Ed. 511, M/C 0343530, St. Louis, Missouri, 23164, has applied for reissuance of DFDES Permit No. MG-0004732 for the McConnell Douglas Corporation - St. Louis Facilities in St. Louis, NO.

This Macility discharges stormwater smo/or non-contact cooling water from eight (a) outfalls. Cut(alls 002 and 004 combine prior to sampling and as such there are only seven (7) sampling doints. The description of these cutfalls is as follows:

- #00: Stormwater and/or non-contact cooling water from Tract / North. Total average dry weather flow is 346,000 gpd.
- #002 Stormwater and/or mon-contact cooling water from Buildings 42, 45, 41. Si, and 52, hushinouses and stienders. Notal average dry weather flow is  $97,400~\rm gpc$ .
- equal Standarder and/or non-context accling water from Euclidense 1, 2, 3, 4. S, 5 and 41 area. Total everage ong weather flow is 255.300 gpc.
- ACOA Sana as OOR
- #005 Stornwater and/or non-contact cooling water from Buildings 250 and 251. Ittal average dry weather flow is 25,500 gpd.
- 4006 Stormwater and/or non-contact cooling water from the headquarters building and overflow from two small concrete decorative masins at Eucliding 106.

  Total average dry weather flow is 6,100 gpd.
- #007 Sternwater and/or nun-contact cooling water from Buildings 101, 105, 106 and 107.
  Total average dry weather flow is 320,000 gpd.

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Dutically 10s. 005, 007, 008, 008, and (1) Edermange to a torictary of Colouries of Colouries Colouries. The Amelika Colouries of Colors of Colouries of Colors of Colo

Describing to 16 OSD DO-7.00% (Vater Quality Plandands), hissoons Department of Natural Resources Mississes the Osean Uster Consission's water quality projectives in terms of water uses to be printwined and initiatis to protect those reas". For the portion of Coldwater Sneek Charo toks outfall discharges, the Vater Costia, Standards was the Polloving beneficial asserties to be useful asserties to be assistanted;

Mivestorm, Wil Dife Watering: Protestion of Aduatic Wifes Drinking Water Europe

in order to protect these depetitize uses and the water combity of Coldwater Cheens established redor Rederal and Stave Cheens established redor Rederal and Stave laws. Succeeding the Estandards, the laws, Succeeding the Estandards, the laws, Succeeding the Estandards and laws and the draft permit.

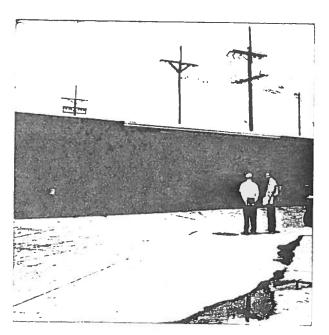
The self monitoring requirements for this discharge were developed by the Dopentment of Satural Resources or compliance with 40 CSR 19-7.015.

The standard conditions attached to the draft permit are applied to all shows benefit ees. They reflect requirements of federal (40 DFR 122) and state law (10 DER 20-Chapter 5) with respect to NATELY amplitude outles, resummibilities and limbulations.

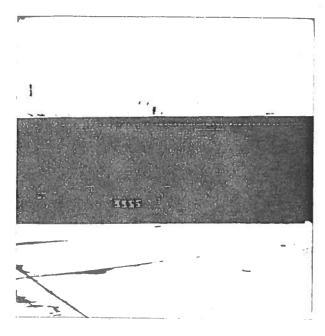
Tris permit will empare ಕು ಕಿ 350 years ಕಿಂಬಾ the date di insulance.

A copy of the public madice and this fact sheet are meany forwanced to the applicant, the Elstwick Engineer of the U.S. Analy Corps of Engineers, the Environmental Protection Agency, the U.S. Fish and Wildlife Service and the Missouri Denantment of Conservation. Ether interested individuals may obtain a copy on request by uniting to the adorest listed below.

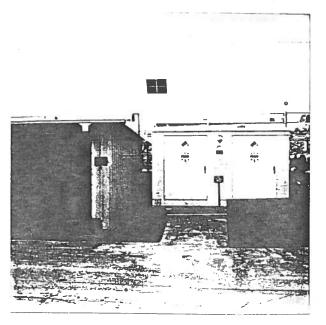
The proposed determinations of the draft permits are tentative pending the goding letice process. Fersons wishing to comment upon on object to the proposed determinations are invited to submit them in writing to: Department of Natural Resources, Division of Environmental Quality, (Missouri Clean Water Commission), P.D. Pow 176. Jefferson City, Missouri 55011, RTTN: Men Arnold, Potting Thief of Permit Escapon, Please include the application humber of draft permit in all connent latters.



Bldg 27 Scrap Dock "Area 1"
Permitted Storage 6.10-13
JLT

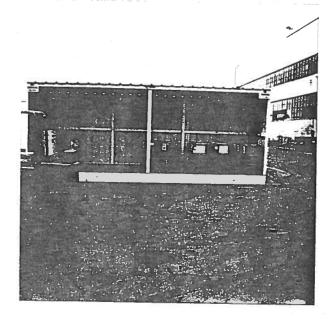


Bidy 27 Scrap Dock "Area 1"
Permitted Storage 6-10-73
717

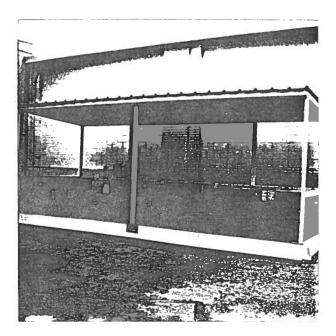


Bilg 27 Scrap Dock "Area 2"

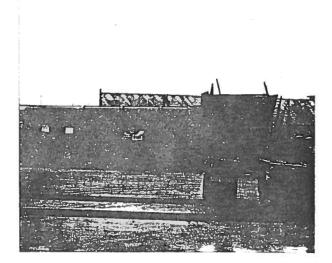
Permitted Storage MANNA
6-16-9



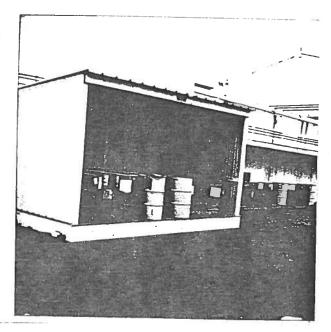
Bildy 2 (east) 490 storage Area



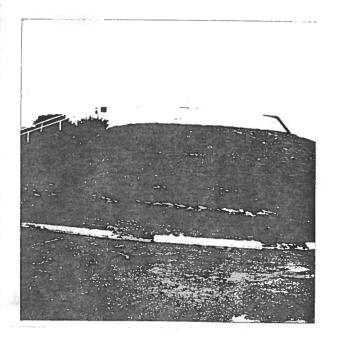
Bldy 51 490 Storage Area



Bldy 51 Paint-solids roll-off monn (690 day)

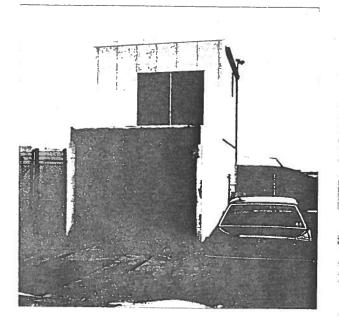


Bldg 45 < 90 storage Aren 6-11-97 11-17



Bldy 14 Sludge Holding Tank (Permitted > 90 day)

4-11-13



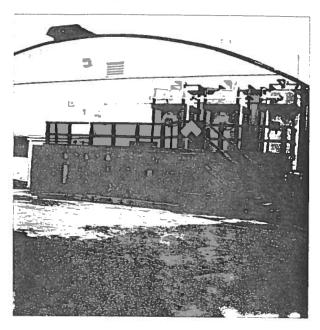
Bldg 14 Roll-off for Sludge

(c90 day)

mon

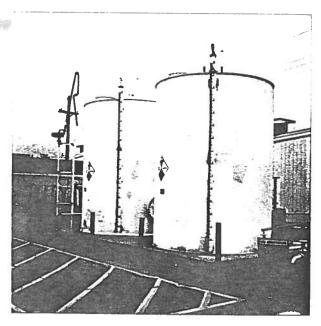
b-11.

Ti



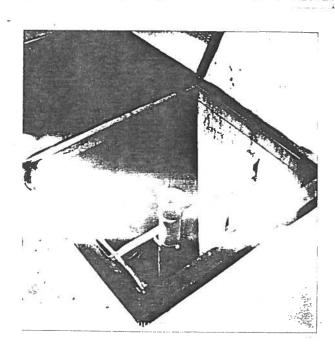
Bldg 52 Acid Tanks (H12, H13, H14)

MAYOR
6-11-13



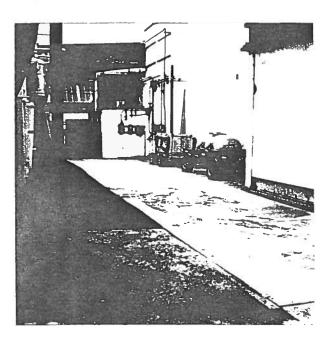
Bldg 52 Caustic Tanks (H19, H20)

MANR
E-11-1
JUF



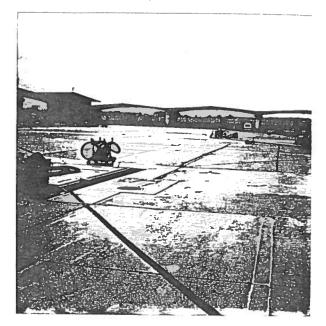
Bldg 28 waste Jet feel Tank
(5,000)

mons
Jut
6-10-93

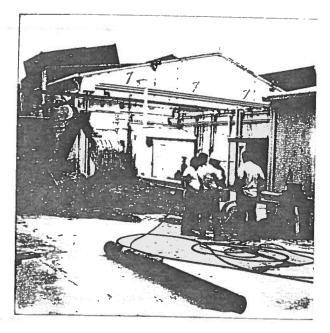


Area of F-18 s.lence: whiste Tank (Tank was removed)

MONR 6-11-93 JLT

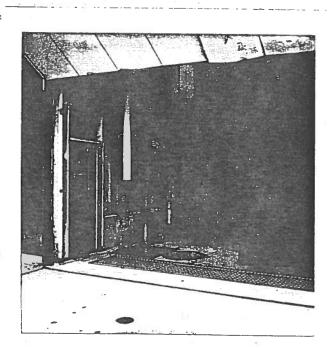


Area of Fuel Bit #3 f #4 weste Jet-Fuel Tanks (Tanks were removed) MODING 6-11-53



Area of Hush House Waste Tank (Tank was removed)

MONR GII-93 JLT



Ramp Station #1 f a Whiste Tank (Oldy 45 K)

(Tank not IN USE)

MONTH
THT